Hand Tools

Section 5

Product Groups 501 - 603

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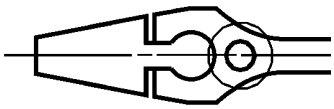
KENNEDY PROFESSIONAL Cushion Grip Adjustable Wrenches

Drop forged chrome vanadium steel with phosphate anti-corrosion finish. Hardened parallel opening jaws are ground and polished, laser etched with metric graduations for rapid repeatable reference setting. The wide grooved profile of the opening mechanism and coarsely knurled adjusting screw ensures smooth adjustment. Slim head profile allows easy access, the contoured jaws improve grip when used on damaged misshaped fasteners. The unique geomatic cushion grip improves user comfort, is resistant to oil and grease to provide a slip free grip. Securely bonded to the I-beam handle sub frame to prevent the ingress of oil and dirt.

Conforms to:
BS 6333: 1983,
ANSI B107.8: 1977, DIN 3117,
ASME B107.8: 1996



Tapered Jaw For Access Into Tight Spaces

GROOVED JAW FOR POSITIVE GRIP EVEN ON WORN SURFACES

Kennedy Professional 150mm Wrench
Jaw capacity: 24mm

UP TO 20% GREATER JAW CAPACITY THAN CONVENTIONAL ADJUSTABLE WRENCHES

Conventional 150mm Wrench
Jaw capacity: 20mm

BEST CAR BUY

Length (mm)	Jaw Opening	Fastener Range	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
150 (6”)	23.9mm	M2-M14 (1/8” - 9/16”)	140g	-3060K	$30.71	$21.50
200 (8”)	28.6mm	M4-M18 (3/16” - 5/8”)	260g	-3080K	$33.47	$23.43
250 (10”)	32.8mm	M6-M20 (1/4” - 3/4”)	400g	-3100K	$48.09	$33.66
300 (12”)	38.1mm	M8-M24 (5/16” - 1”)	650g	-3120K	$70.05	$49.03

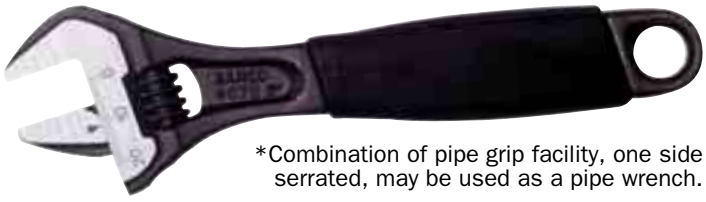
KENNEDY QUALITY INDUSTRIAL TOOLING Extra Wide Jaw Adjustable Wrench

Drop forged chrome vanadium steel. Rubber comfort grip handle. Ideal for use in plumbing, installation and automotive applications. Ultra thin head designed for use in confined spaces. Graduated millimetre scale. More than 50% wider jaw compared to conventional adjustable wrenches. Conforms to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN3117-1988, JIS B4604-1976**

Length (mm)	Jaw Opening (mm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
200 (8”)	38.0	315g	-5080K	$32.28	$22.60

BAHCO Adjustable Wrenches

Phosphated hardened and anti-corrosion treated. Comfortable handle. Pipe grip facility one serrated jaw side may be used as a pipe wrench. Graduated jaw. As per **DIN 3117**, **BS 6333**, **ISO 6787**, **GGG-W6316** Type 1, Class 2 and **ASME B107**, **8M-1991**.



*Combination of pipe grip facility, one side serrated, may be used as a pipe wrench.

Length (mm)	Product Number	Jaw Opening (mm)	Weight each	Order Code BAH-501	List Price/1	Offer Price/1
200 (8”)	9071	25 (1”)	275g	-5812C	$51.80	$41.44
200 (8”)	9071P*	25 (1”)	275g	-6012C	$61.60	$49.28
250 (10”)	9072P*	33 (1 1/4”)	430g	-6013D	$79.60	$63.68
300 (12”)	9073P*	35 (1 1/2”)	745g	-6014E	$115.90	$92.72

Combi Grip Adjustable Wrenches

These wrenches have a quick release reversible lower jaw with a serrated side with extra hard teeth for pipe gripping, a strong handle and a phosphated corrosion resistant finish. The smooth adjusting action makes them fast and easy to use. Conform to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN 3117-1988, JIS B4604-1976**

Length (mm)	Jaw Opening (mm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
250 (10”)	30.0	345g	-4100K	$41.99	$29.39
300 (12”)	35.0	890g	-4120K	$52.49	$36.74

Extra Wide Jaw Adjustable Wrench

Short handle for accessibility when working in confined spaces. e.g. under sinks etc. Wide head for maximum jaw opening (38mm). Slimline (6mm) graduated head. Dual material handles for maximum durability and comfort. Phosphate finish with ground jaws.

Length (mm)	Product Number	Jaw Opening (mm)	Order Code BAH-501	List Price/1	Offer Price/1
205 (8”)	9031	38 (1 1/2”)	-5612C	$54.40	$43.52

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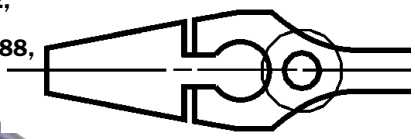
KENNEDY Adjustable Wrenches

QUALITY INDUSTRIAL TOOLING

Manufactured from high strength 'I' beam section chrome or phosphate vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. High polished corrosion-resistant finish. 15 degree offset head angle for positive torque control. Slimline tapered jaws for improved access into confined spaces. Parallel jaws with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Suitable for industrial engineering, automotive, agricultural, maintenance and assembly applications.

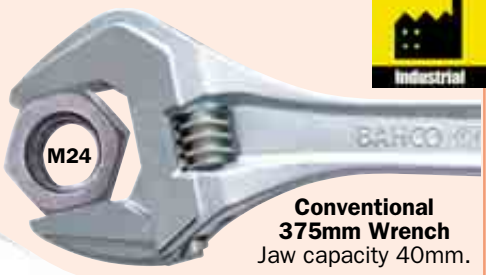
Conforms to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN3117-1988, JIS B4604-1976**



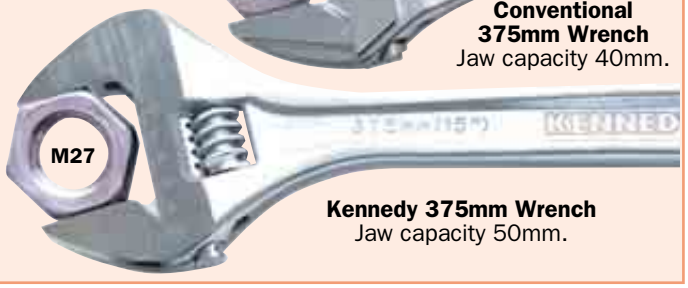
Tapered Jaw For Access Into Tight Spaces

UP TO 20% GREATER JAW CAPACITY THAN CONVENTIONAL ADJUSTABLE WRENCHES

Industrial



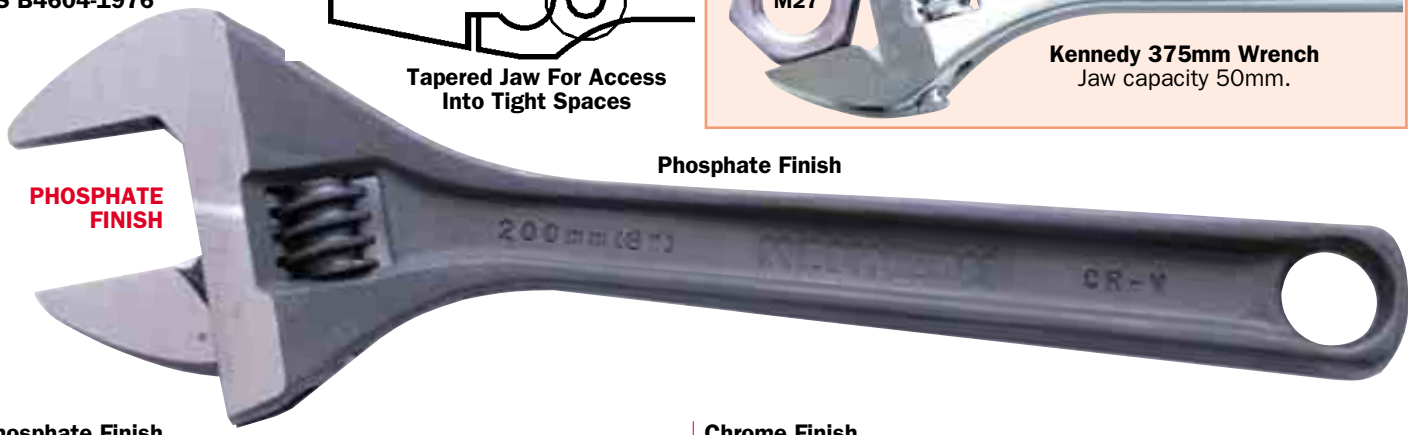
Conventional 375mm Wrench
Jaw capacity 40mm.



Kennedy 375mm Wrench
Jaw capacity 50mm.

PHOSPHATE FINISH

Phosphate Finish



Phosphate Finish

Length (mm)	Jaw Opening (mm)	Torque (kg/cm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
100 (4")	17 (21/32")	714	60g	-0040K	$22.32	$15.62
150 (6")	24 (1")	1670	140g	-0060K	$23.64	$16.55
200 (8")	28 (1 3/32")	3100	260g	-0080K	$25.73	$18.01
250 (10")	33 (1 5/16")	5190	400g	-0100K	$33.35	$23.34
300 (12")	38 (1 3/8")	8820	650g	-0120K	$48.54	$33.98
375 (15")	50 (2")	17295	1040g	-0150K	$78.98	$55.29
450 (18")	60 (2 3/8")	23060	1670g	-0180K	$123.29	$86.30
600 (24")	70 (2 3/4")	25000	3300g	-0240K	$274.17	$191.92

Chrome Finish

Length (mm)	Jaw Opening (mm)	Torque kg/cm	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
100 (4")	17 (21/32")	714	60g	-1040K	$24.56	$17.19
150 (6")	24 (1")	1670	140g	-1060K	$26.01	$18.21
200 (8")	28 (1 3/32")	3100	260g	-1080K	$28.31	$19.82
250 (10")	33 (1 5/16")	5190	400g	-1100K	$36.68	$25.68
300 (12")	38 (1 3/8")	8820	650g	-1120K	$53.40	$37.38
375 (15")	50 (2")	17295	1040g	-1150K	$86.88	$60.82
450 (18")	60 (2 3/8")	23060	1670g	-1180K	$135.62	$94.93

Phosphate Finish Sets

2 PIECES
3 PIECES

Number of Pieces	Contents	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
3	100, 200 & 300mm	1100g	-0600K	$91.43	$59.43
2	150 & 250mm	540g	-0620K	$53.93	$35.05

Chrome Finish Set

3 PIECES

Number of Pieces	Contents	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
3	100, 200 & 300mm	1100g	-1600K	$100.95	$65.62

BAHCO Adjustable Wrenches

Phosphated hardened and anti-corrosion treated. Comfortable handle. Graduated jaw. As per **DIN 3117**, **BS 6333**, **ISO 6787**, **GGG-W6316** Type 1, Class 2 and **ASME B107**, **8M-1991**.

'Ergo' Type
Manufactured from drop forged chrome vanadium steel. Ground and polished parallel gripping jaws with etched measurement scale. The adjustable jaw does not fall out at the maximum opening capacity. Precision hardened and anti-corrosion treated. Available as phosphate.

Product Number	Length (mm)	Weight each	Order Code BAH-501	List Price/1	Offer Price/1
8070	150 (6")	135g	-4011B	$42.60	$34.08
8071	200 (8")	255g	-4012C	$46.20	$36.96
8072	250 (10")	400g	-4013D	$60.20	$48.16
B87	770 (30")	5800g	-4018J	$834.00	$667.20

YAMOTO Satin Finish Adjustable Wrenches

Industrial

Slimline tapered parallel jaws for improved access into confined spaces with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Graduated laser etched jaws for fast repeatable jaw setting and adjustment. Manufactured from 'I' beam section chrome vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. Corrosion-resistant satin finish. 22.5 degree offset head angle for positive torque control. Suitable for marine engineering, automotive, aerospace, agricultural maintenance and assembly applications.
Conform to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN3117-1988, JIS B4604-1976**

Torque Ratings
Conform to ISO 6787:1982

Length (mm)	Jaw Opening (mm)	Torque kg/cm	Weight each	Order Code YMT-501	List Price/1	Offer Price/1
150 (6")	20 (¾")	1670	140g	-2060K	$24.47	$14.68
200 (8")	25 (1")	3100	260g	-2080K	$28.85	$17.31
250 (10")	30 (1 3/16")	5190	400g	-2100K	$36.10	$21.66
300 (12")	35 (1⅜")	8820	650g	-2120K	$50.06	$30.04
375 (15")	44 (1¾")	17295	950g	-2150K	$94.71	$56.83

Sets

No. of Pieces	Contents	Weight each	Order Code YMT-501	List Price/Set	Offer Price/Set
2	150 & 250mm	650g	-2400K	$54.50	$29.98
2	200 & 300mm	1020g	-2500K	$70.98	$39.04

SENATOR QUALITY TOOLING Chrome Finish Adjustable Wrenches

Maintenance

Manufactured from 'I' beam section chrome vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. High polished corrosion-resistant chrome finish. 22.5 degree offset head angle for positive torque control. Slimline tapered jaws for improved access into confined spaces. Parallel jaws with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Suitable for industrial engineering, automotive, aerospace, maintenance and assembly applications.

Torque Ratings
Conform to ISO 6787:1982

Length (mm)	Torque kg/cm	Weight each	Order Code SEN-501	List Price/1	Offer Price/1
100 (4")	690	60g	-1040K	$18.42	$11.05
150 (6")	1670	140g	-1060K	$19.52	$11.71
200 (8")	3100	260g	-1080K	$21.23	$12.74
250 (10")	5190	400g	-1100K	$27.51	$16.51
300 (12")	8820	650g	-1120K	$40.05	$24.03
380 (15")	17295	1300g	-1150K	$65.16	$39.10
457 (18")	23060	1990g	-1180K	$101.72	$61.03

Chromed Drop Forged Adjustable Wrenches

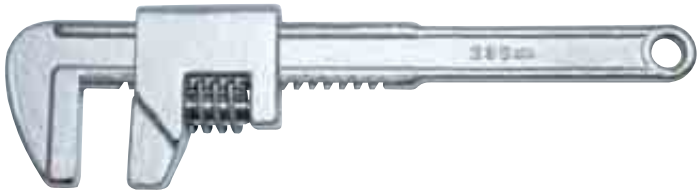
Tapered jaws for improved access into confined spaces. Smooth jaw adjustment. Graduated laser etched jaw for fast jaw setting. Manufactured from chromed drop forged steel.

Size	Jaw Opening	Weight each	Order Code SEN-501	Offer Price/1
150mm (6")	20mm	140g	-4060K	$4.82
200mm (8")	24mm	280g	-4080K	$6.26
250mm (10")	30mm	435g	-4100K	$6.92
300mm (12")	34mm	720g	-4120K	$9.70

SENATOR QUALITY TOOLING Chromed Drop Forged General Purpose Wrench

Maintenance

Made from fully chrome plated drop forged steel.
Jaw opening capacity 68mm. 90° sliding jaw.
Overall length 230mm.



Length (mm)	Jaw Opening (mm)	Weight each	Order Code SEN-501	Offer Price/1
230 (9")	68	500g	-5100K	$12.12

KENNEDY QUALITY INDUSTRIAL TOOLING Service Kits

Consisting of replacement jaw, knurl and pin.

Finish	Wrench Size (mm)	Weight each	Order Code KEN-567	Offer Price/1
Phosphate	150 (6")	25g	-0060K	$13.80
	200 (8")	55g	-0080K	$15.04
	250 (10")	90g	-0100K	$19.47
	300 (12")	130g	-0120K	$28.35
	375 (15")	250g	-0150K	$46.09
	450 (18")	365g	-0180K	$71.98
	600 (24")	420g	-0240K	$150.09
Chrome	100 (4")	20g	-1040K	$14.34
	150 (6")	25g	-1060K	$15.17
	200 (8")	55g	-1080K	$16.50
	250 (10")	90g	-1100K	$21.44
	300 (12")	130g	-1120K	$31.18
	375 (15")	250g	-1150K	$50.71
	450 (18")	365g	-1180K	$79.19
	600 (24")	420g	-1240K	$165.10

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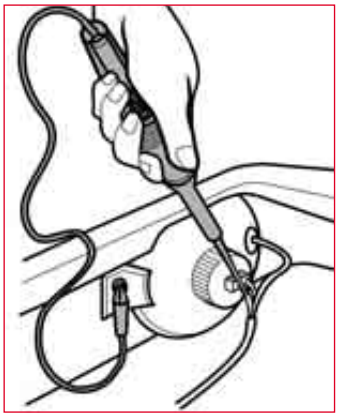
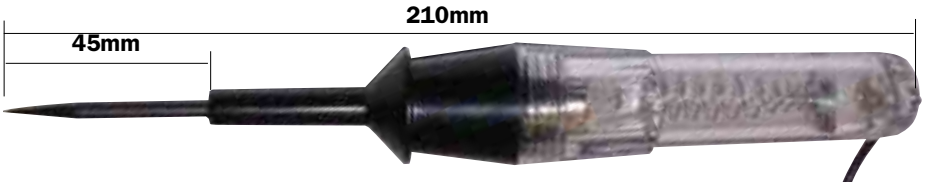
KENNEDY QUALITY INDUSTRIAL TOOLING Circuit Continuity Tester

For testing circuit continuity on non-live systems. Locates broken circuits in fuses, switches, sockets and wires. 1 metre lead. Super sharp tempered steel probe to test through wire insulation.



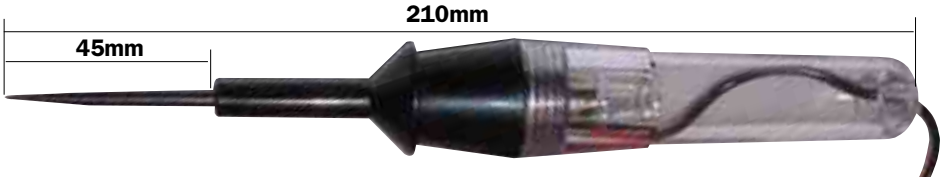


Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
CCT001	90g	-1000K	$26.19	$18.33

Requires AA battery (not supplied)

Standard Circuit Tester

Suitable for use with power on. For 6 and 12V automotive systems only. Locates shorts, earth and open circuits. 1 metre lead. Super sharp tempered steel probe to test through wire insulation. Probe length 45mm.

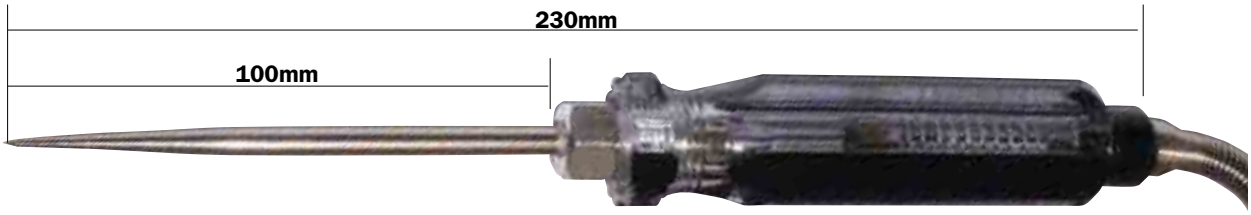


Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
SCT012	80g	-1020K	$20.47	$14.33

FOR USE ON: 6 AND 12V

Commercial Duty Circuit Tester

Suitable for use with power on. For 6, 12 and 24V automotive systems only. Locates shorts, earths and open circuits. 1.4 metre heavy duty lead with spring strain relief. Super sharp stainless steel probe to test through wire insulation. Probe length: 100mm.

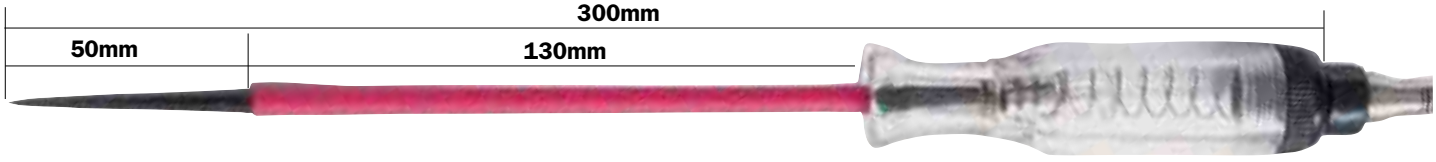


Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
CDT024	215g	-1060K	$43.34	$30.34

FOR USE ON: 6, 12 AND 24V

Long Probe Circuit Tester

Suitable for use with power on. For 6 and 12V automotive systems only. Locates shorts, earth and open circuits. 1.7 metre heavy duty lead with spring strain relief. Super sharp tempered steel probe to test through wire insulation. Extra long probe length: 180mm.



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
XCT012	245g	-1040K	$37.62	$26.33

FOR USE ON: 6 AND 12V

KENNEDY QUALITY INDUSTRIAL TOOLING 7 Piece Panel Beating Set

Supplied in a high quality fitted blow moulded impact resistant case. Drop forged, high carbon steel hammers with ground and polished heads and cheeks. Hickory, octagonal section shafts. 1x: curved, utility, heel and toe dolly. 1x: 12oz shrinking hammer, and flat faced bumping hammer, 1x 10oz round finishing pick.

For Individual Hammers

See Group 525

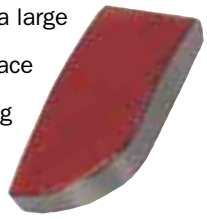
No of Pieces	Weight	Order Code KEN-503	List Price/1	Offer Price/1
7	7.40kg	-7650K	$327.67	$229.37

7 PIECES

Panel Beating Dollies

Manufactured from drop forged medium carbon steel (SAE/AISI 1055). Heat-treated with a polished mirror finish.

Grid Dolly
For shrinking work. With a large crowned grid face on the surface and a plain flat face on the base. This dolly, combined with a shrinking hammer and the use of heat, provides quick and effective shrinking.



Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
120	7.10kg	-7500K	$90.72	$63.50

Utility Dolly
Double side multi-purpose, use the edge most suited the size and shape of a damaged flange.

Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
64	7.50kg	-7540K	$65.73	$46.01

Curved Dolly
For raising low spots on panels. The edge can also be used to restore the shape of a roof and reform beads.

Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
132	7.10kg	-7580K	$71.68	$50.18

Double End Hand Dolly
For reshaping crowned panels and general panel beating.

Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
758	6.90kg	-7520K	$67.95	$47.56

Toe Dolly (Low Crown Dolly)
For re-shaping. Can be used in the hand to deliver a series of blows to the underside of the panel. Long crown enables use in hard to reach areas.

Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
120	8.50kg	-7560K	$65.24	$45.67

Heel Dolly
For general reshaping of contoured panels, raising low spots and general panel beating.

Length (mm)	Weight per 6	Order Code KEN-503	List Price/1	Offer Price/1
81	5.80kg	-7600K	$56.06	$39.24

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KENNEDY QUALITY INDUSTRIAL TOOLING Dent Puller Set

For repairing dents in body panels. Supplied complete with self tapping pull screw for use where access to the rear of the panel is blocked by reinforcements or other parts, a range of steel hooks and pull curls for pulling the edges of panels and a chain and hook. The long hammer shaft allows the pulling/striking force to be precisely controlled.

Contents:
- 1x Hammer (10lbs cast iron),
- 22.5Ø x 500 and 22.5Ø x 200mm Pipes,
- 2x hole pipes,
- 6 x 170, 6 x 120, 6 x 200 and 3mm x 100mm Plates,
- Chain and Hook,
- Hex nut
- Blow moulded storage case.

9 PIECES

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
DP9		-3460K	$172.50	$120.75

Sykes-Pickavant Trim Remover

5 PIECES

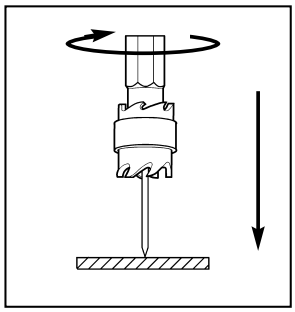
5 piece set of angled lever tools designed for the safe and undamaged removal of trim and trim stud panels. Manufactured from hi-tech resilient plastic that avoids marking and scratching to polished metal, wood or leather trims.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
045500	-	-1843B	$46.62	$37.30

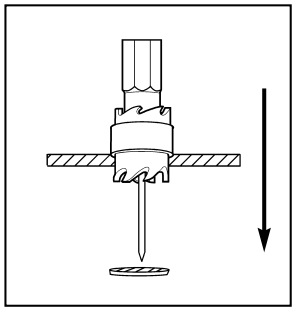
KENNEDY QUALITY INDUSTRIAL TOOLING Spot Weld Remover

Workshop

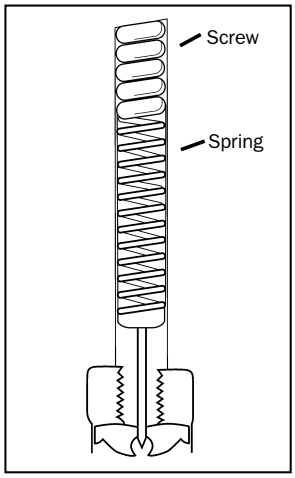
Suitable for cutting holes in steel metal, steel, plastic and brass. The hardened steel cutter is reversible increasing tool life. adjusting the spring loaded centre point, screw accurately controls the depth of cut. Allowing the top to be removed whilst leaving the lower panel in place.



Spring loaded centre point guides cutter crown onto spot weld.



Cutting depth by screw permits top panel to be removed leaving the lower panel.

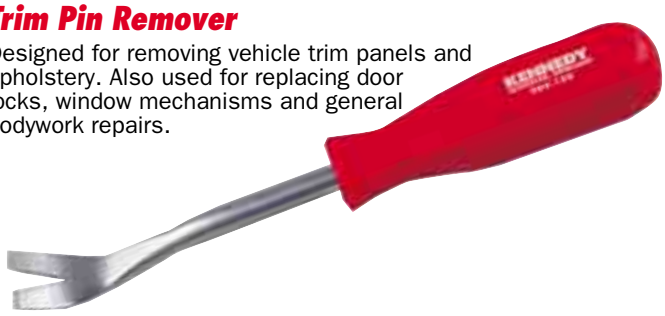


Fine adjustment of cutting depth by screw.

Capacity (mm)	Shank (mm)	Maximum Rated Operating Speed	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
10	6.5	900rpm	30g	-1200K	$45.57	$31.90

Trim Pin Remover

Designed for removing vehicle trim panels and upholstery. Also used for replacing door locks, window mechanisms and general bodywork repairs.



Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
230mm	155g	-1500K	$58.81	$41.17

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Pull Ram

Workshop

Rugged construction with a heavy duty return spring. Chrome plated piston inhibits rusting. 1/4 NPT thread size. Accessories easily snap on.

For Gloves
See Group 961

Specifications

Model Number	Capacity (Tonne)	A Stroke (cm)	Cylinder Bore Diameter (mm)	B Overall Length (mm)	Oil Port Thread
HRP005	5	15	34	740	1/4 NPT

Capacity	Type	Stroke	Order Code KEN-503	List Price/1	Offer Price/1
5 Ton	Pull	150mm (6")	-7180K	$538.89	$377.22

Repair Kits

Repair Kit Compatibility	Order Code KEN-567	Offer Price/1
KEN-503-7180K	-8010K	$44.85

Body Repair Kits

Used for clamping, pulling, bending, straightening, spreading and lifting operations. Snaps together quickly. Heavy duty hand pump has automatic overload feature. Tough, blow moulded case.
Strong flexible hose with spring guards at both ends. Hydraulic hand pump, ram and spreader.

Contents	4 Tonne Kit	10 Tonne Kit
Hand Pump PSI	10,000	10,000
Hydraulic Ram Stroke	100mm/4"	150mm/6"
Extension Tube	410mm/16"	480mm/19"
Extension Tube	305mm/12"	355mm/14"
Extension Tube	200mm/8"	250mm/10"
Extension Tube	100mm/4"	125mm/5"
Double End Male Snap Connector	YES	YES
Serrated Saddle	35mm	46mm
Rubber Head	67mmø	75mmø
Spreader Plunger Tool	YES	YES
90 'V' Base	YES	YES
Wedge Head	YES	YES
Spreader Ram Toe	YES	YES
Flat Base	114 x 63mm	150 x 95mm
Hydraulic Spreader Ram	1/2 Tonne	1/2 Tonne

Kit Size	Order Code KEN-503	List Price/1	Offer Price/1
4 Tonne	-7240K	$408.21	$285.75
10 Tonne	-7260K	$702.24	$491.57

Spares

Description	Order Code KEN-567	Offer Price/1
Spreader Ram	-8240K	$257.63
Spreader Ram Repair Kit	-8250K	$11.31
Blow Moulded Case for 4 Tonne Kit	-8400K	$104.25
Blow Moulded Case for 10 Tonne Kit	-8540K	$152.98

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KENNEDY QUALITY INDUSTRIAL TOOLING Single Speed Hydraulic Hand Pumps

Rugged construction with an internal overload valve, a pressure rating of 10,000psi (700 Bar) and a ¼ NPT thread size. Operates in a vertical and horizontal position.

Specifications

Model Number	Pressure Rating PSI (Bar)	Usable Oil Capacity (cc)	Oil Volume Per Stroke (cc)	Oil Port Thread	A Length (mm)
HPS035	10,000 (700)	350	3.2	¼ NPT	292
HPS060	10,000 (700)	600	3.2	¼ NPT	478

Model Number	Usable Oil Capacity	Order Code KEN-503	List Price/1	Offer Price/1
HPS035	350cc	-8800K	$343.04	$240.13
HPS060	600cc	-8820K	$395.31	$276.72

Spares

Description	Order Code KEN-567	Offer Price/1
Connection Hose (1500mm x ¼" NPT)	-8120K	$91.67
Repair kit for HPS035	-8050K	$25.30
Repair kit for HPS060	-8060K	$25.30

Twin speed Hydraulic Hand Pumps

Rugged construction. Internal overload valve prevents it from being used beyond rated capacity. Operates in a vertical and horizontal position. Pressure rating 10,000psi (700 Bar). ⅜ NPT thread size. Pump handle locks into place to be used as a carrying handle.

Specifications

Model Number	Pressure Rating PSI (Bar) Stage 1	Pressure Rating PSI (Bar) Stage 2	Usable Oil Capacity (cc)	Oil Volume Per Stroke (cc) Stage 1	Oil Volume Per Stroke (cc) Stage 2	Oil Port Thread	A Length (mm)
HPT035	200 (13.8)	10,000 (700)	350	7.0	1.0	⅜ NPT	310
HPT070	200 (13.8)	10,000 (700)	600	13.0	2.8	⅜ NPT	528
HPT250	200 (13.8)	10,000 (700)	2500	13.0	2.8	⅜ NPT	632

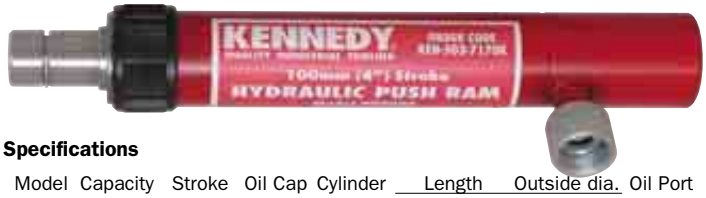
Model Number	Usable Oil Capacity	Order Code KEN-503	List Price/1	Offer Price/1
HPT035	350cc	-8900K	$392.04	$274.43
HPT070	700cc	-8940K	$472.08	$330.46
HPT250	2500cc	-8960K	$604.40	$423.08

Spares

Description	Order Code KEN-567	Offer Price/1
Connection Hose (1500mm x ⅜" x ¼" NPT)	-8140K	$91.67
Repair kit for HPT035	-8080K	$32.37
Repair kit for HPT070	-8090K	$44.52
Repair kit for HPT250	-8100K	$48.44

Hydraulic Push Rams

Rugged construction with a heavy duty return spring. Chrome plated piston inhibits rusting. ¼ NPT thread size. Accessories easily snap on.

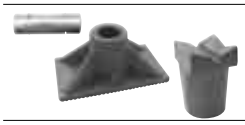


Specifications

Model Number	Capacity (Tonne)	Stroke (mm)	Oil Cap (cc)	Cylinder Bore dia.	Length Ret.	Length Ext.	Outside dia. Piston	Outside dia. Ram	Oil Port Thread
HRP004	4	100	65	28.5mm	230	330	22	38	¼ NPT
HRP010	10	150	243	45.0mm	325	475	33	57	¼ NPT

Model Number	Capacity	Stroke	Order Code KEN-503	List Price/1	Offer Price/1
HRP004	4 Ton	100mm (4")	-7170K	$212.19	$148.53
HRP010	10 Ton	150mm (6")	-7190K	$284.07	$198.85

Body Repair Kit Spares

	Description	Size	4 Tonne Order Code KEN-567	4 Tonne Offer Price/1	Size	10 Tonne Order Code KEN-567	10 Tonne Offer Price/1
	Small Extension Tube	100mm	-8280K	$36.83	125mm	-8420K	$76.68
	Medium Extension Tube	200mm	-8290K	$48.92	250mm	-8430K	$104.22
	Long Extension Tube	305mm	-8300K	$64.37	355mm	-8440K	$128.71
	Extra Long Extension Tube	410mm	-8310K	$76.68	480mm	-8450K	$153.41
	Double Ended Male Snap Connector	-	-8320K	$24.49	-	-8460K	$48.92
	Flat Base	114x63mm	-8330K	$42.90	150x95mm	-8470K	$98.14
	90° 'V' Base	-	-8340K	$24.49	-	-8480K	$48.92
	Wedge Head	-	-8350K	$21.46	-	-8490K	$42.90
	Spread Plunger Toe	-	-8360K	$27.51	-	-8500K	$64.37
	Spreader Ram Toe	-	-8370K	$36.83	-	-8510K	$67.36
	Rubber Head	67mm ø	-8380K	$36.83	75mm ø	-8520K	$55.24
	Serrated Saddle	35mm ø	-8390K	$21.46	46mm ø	-8530K	$36.83
	Repair Kit	-	-8000K	$14.15	-	-8020K	$19.22

KENNEDY QUALITY INDUSTRIAL TOOLING Lever Operated Vacuums

For use in hand lift applications only. Multiple vacuums used on a single load can only improve handling. If using more than one vacuum tool the ratio of maximum lift capacity does not increase. To lift heavier weights a larger vacuum must be used. All are fitted with a rubber suction cap which will not damage contact surface during the lifting action. For use on glass and plastic or any smooth surface material and can also be used for pulling out dents.

Single (VLS045)
Double (VLD070)
Triple (VLT070)

Model Number	Cups	Max Lift	Weight	Order Code KEN-503	List Price/1	Offer Price/1
VLS045	1 x 10cm	45kg	355g	-2620K	$48.84	$34.19
VLD070	2 x 12cm	70kg	745g	-2640K	$122.35	$85.64
VLT070	3 x 12cm	110kg	1140g	-2660K	$163.19	$114.23

Filler Applicators

100mm wide plastic spreader, suitable for the application of auto body filler.

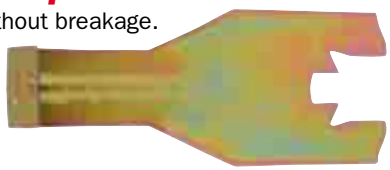
Pack of 5.

5 PIECES

Size	Weight each	Order Code KEN-503	List Price/Pk	Offer Price/Pk
100mm (4")		-2820K	$16.50	$11.55

Universal Door Handle Clip Remover

Removes door panel clips without breakage. Simple action - insert the tool and push the clip out.



Size (W x H x Dmm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
84 x 254 x 30	45g	-2790K	$14.54	$10.18

Universal Trim Pad Remover

For removing plastic interior trim retaining studs. Corrosion resistant.

Size (W x H x Dmm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
84 259 x 30	135g	-2800K	$14.54	$10.18

Folding Windscreen Stand

Workshop

Lightweight tubular steel design with chain stops foam protection and rubber ffet. Large rubber suckers prevent screen from moving during preparation. Folding frame makes this ideal for both workshop and mobile screen preparation.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Windscreen Stand		-2890K	$326.54	$228.58

Windscreen Moulding Release Tool

Removes trim moulding around cemented windscreen & rear windows quickly and easily.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Windscreen Release Tool	90g	-2810K	$14.54	$10.18

Wax Injector Gun

WIG100
Pneumatic tool for spraying and injecting wax underseal into areas that are difficult to access, such as door cavaties, inside box section chassis and around wheel arches. Has a 1ltr container with a ¼" NPT connection, operates from 90-145psi (6-10bar) air pressure with an air compsumption rate of 380ltr/min and a vacuum of (maximum) 550mm HG.
Supplied with 900mm spray hose and hanging hook.

Size	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1ltr		-1880K	$163.19	$114.23

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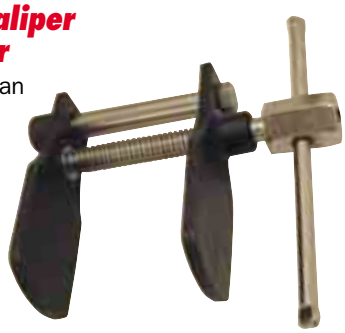
KENNEDY QUALITY INDUSTRIAL TOOLING Brake Caliper Spreader

Retracting brake caliper pistons can be used with ½" square drive ratchet and 21mm hex wrench or spanner and is suitable for use on most cars and motorcycles. Constructed from hardened steel with phosphate finished spreader plates for corrosion protection.



Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BCS065	830g	-1900K	$59.35	$41.55

Brake Pin Punches

Parallel pin punches for the removal of brake caliper pad retaining pins. 6.0mm diameter punch uses a pilot tip to aid location in hollow pins used on GM/Vauxhall calipers.
Overall length: 165mm.

-4910K

-4920K

*Fitted with pilot pin to aid location.

Diameter (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5.5	95g	-4910K	$16.17	$11.32
6.0*	95g	-4920K	$16.71	$11.70

Brake Spring Cup Washer Tool

Removes and replaces T-slot anti-rattle spring washers found in drum brake assemblies. Hardened and tempered carbon steel shank and cup with oxidised finish for protection against corrosion, bevelled and notched cup fits 16 - 22mm (⅝" - ⅞") diameter. Impact resistant square section handle for secure grip even when greasy. Overall length: 152mm (6").

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BST122	110g	-4940K	$26.14	$18.30

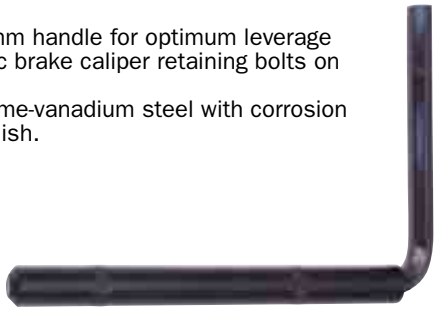
Brake Clip Tool

Designed for import cars with brake shoe hold down clips. Removes and installs brake clip and nail on brake shoes in seconds. Impact resistant square section handle for secure grip even when greasy. Overall length 200mm (8").

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BSC150	165g	-4960K	$32.51	$22.76

Brake Pad Key

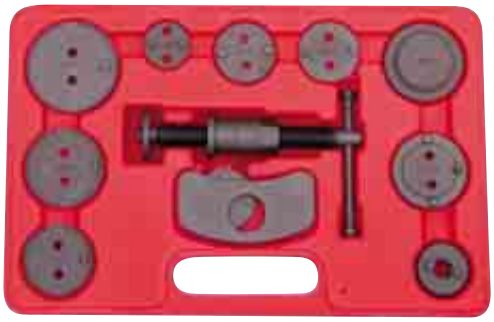
8mm hexagon key.140mm handle for optimum leverage and grip. Suitable fordisc brake caliper retaining bolts on many modern cars.
Manufactured from chrome-vanadium steel with corrosion resistant phosphated finish.



Size	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
8mm Hex		-2880K	$12.90	$9.03

KENNEDY QUALITY INDUSTRIAL TOOLING Universal Caliper Wind-back Tool Kit

Winds back disc brake calipers when replacing brake pads. Professional quality, allows the easy return of brake piston into the caliper. Suitable for most braking systems.



Description	Order Code KEN-503	List Price/1	Offer Price/1
Universal Caliper Wind-Back Toolkit	-2770K	$184.59	$129.21

Vacuum Testing & Brake Bleeding Kit

Vacuum testing kit that helps to locate and identify faults on cars, motorcycles and commercial vehicles. Supplied in robust blow moulded case.
Contents: serviceable metal bodied vacuum pump, reservoir jar, transfer lid, storage lid, 4x lengths of 6mm ID tubing, 1x length of 4mm ID tubing adaptor. Set of brake bleeding adaptors, rubber cup adaptor.
Maximum vacuum: 550mm Hg.
Reservoir capacity: 150ml.

Description	Order Code KEN-503	List Price/1	Offer Price/1
Vacuum Testing & Brake Bleeding Kit	-2720K	$168.25	$117.78

Pneumatic Brake & Clutch Bleeder

PBB100
Single man operated pneumatic bleeder which simplifies the bleeding of hydraulic fluid in vehicle clutches and brake systems, also used for the collection of other non-corrosive fluid spillage. Has a 1ltr container with a ¼" NPT connection, operates from 90-145psi (6 - 10bar) air pressure with an air compsumption rate of 180ltr/min, an extraction rate of 1.6ltr/min and vacuum (max) of 550mm HG.
Handles non-flammable liquids between 0 & 80°C.

Product Number	Capacity (litre)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
PBB100	1.0		-1920K	$228.53	$159.97

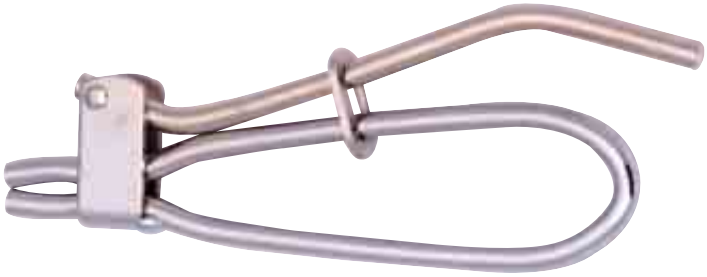
Sykes-Pickavant Brake Bleeder

One man operation, the non-return valve ensures air does not return back intothe system.
Capacity: 500ml.

Product Number	Order Code SYK-503	List Price/1	Offer Price/1
660500	-6500A	$27.55	$22.04

KENNEDY QUALITY INDUSTRIAL TOOLING Spring Type Hose Pinch Tool

For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines up tp 12mm diameter. Allows servicing to be carried out without the need for system draining.
Sliding lock collar allows hoses to be fully or partly closed.
Smooth rounded jaw edges avoid damage to hoses.
All steel construction with corrosion resistant chrome finish.



Maximum Diameter	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
12mm		-2840K	$24.34	$17.04

Ratcheting Hose Pinch Pliers

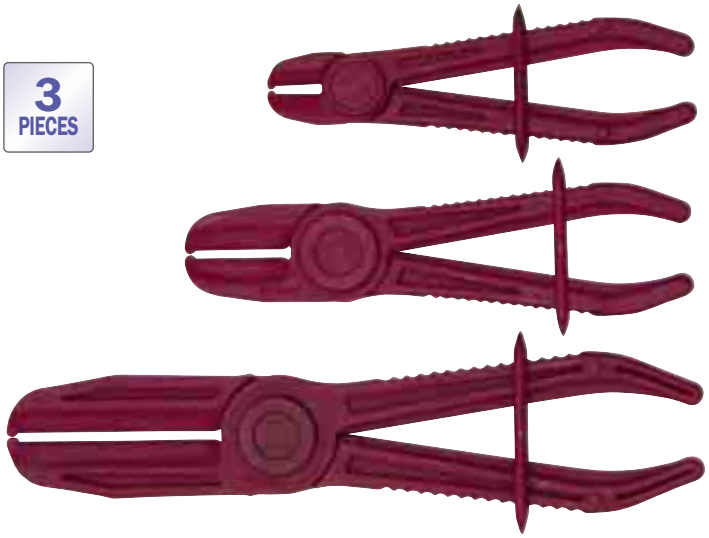
For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines. Allows servicing to be carried out without the need for system draining. Heavy duty serrated jaw edges provide excellent clamping whilst avoiding damage to hoses. Jaws pivot and self level to ensure parallel clamping. Fine-adjusting ratchet action allows hoses to be fully or partly closed. Cocking echanism holds pivot jaws firmly in position. All steel construction with corrosion resistant finish.

Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
200mm		-2850K	$58.64	$41.05
250mm		-2860K	$61.91	$43.34
300mm		-2870K	$65.18	$45.63

Hose Pinch Clamp Set

HPS003
These professional tools are for clamping flexible hoses from 11mm to 60mm in diameter. Made from a composite of glass reinforced nylon, they are lightwieght, tough and have smooth rounded jaws to prevent damage to internal reinforcement.

3 PIECES



Hose Range	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
11-60mm		-1940K	$59.35	$41.55

Sykes-Pickavant Flexible Hose Clamp

For use on flexible hose up to 30mm in diameter to reduce/eliminate fluid loss when servicing or replacing. Compact design allows use in confined spaces.

Supplied in pairs.

2 PIECES

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/Pr	Offer Price/Pr
021500	30	50g	-1072C	$74.59	$59.67

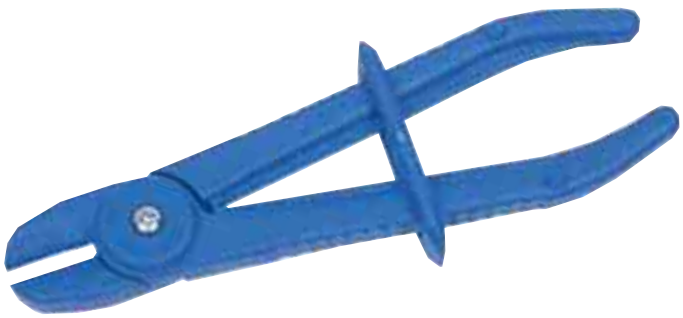
Hydraulic Hose Clamp

Spring loaded, clamps brake and fuel hoses to allow brake/clutch slave cylinders to be disconnected or removed with the minimum of fluid loss.

Product Number	Overall Length	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660650	200mm	100g	-6650E	$18.36	$14.69

Brake & Fuel Line Clamp

Lightweight, non-conductive, glass reinforced nylon. Particularly useful in body repair shops where clamps need to be left on brake lines for extended periods.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
035700	500g	-1553G	$28.63	$22.90

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Sykes-Pickavant Cooling System Tester

Basic Set
A quick and easy way to detect leaks in cooling systems, radiators, heater matrix, hoses, cylinder heads etc simply by pressurising the system. The durable hand pump with precision pressure gauge, graduated in lb/ft and kpg. Supplied with bayonet connector suitable for use on European and Japanese manufactured cars. Supplied in an impact resistant case.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331800	2.00kg	-1501B	$289.21	$231.37

Standard Bayonet Connector
For use with cooling system pump.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
031802	250g	-1503D	$91.51	$73.21

Commercial Vehicle Kit

For the pressurisation of cooling systems, so leaks can be detected in radiators, heater matrix, hoses, cylinder heads, engine blocks and water pumps. The expanse universal rubber connector plugs enable fast and easy connection to a range of systems. Supplied with airline adaptor to reduce time and effort required to pressurise large cooling systems.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331905	2.30kg	-3319S	$1171.47	$937.18

Super Kit

Covers European and Japanese cars with standard bayonet fittings, and European cars with screw type fittings. Standard bayonet. Pump hose connector. M52, M45 Threaded cap. M52, M45 threaded adaptor. Standard pump connector.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331890	2.15kg	-3317Q	$578.53	$462.82

KENNEDY QUALITY INDUSTRIAL TOOLING Cooling System & Radiator Cap Pressure Tester

Designed for the pressure testing of cooling systems and radiator caps up to 35psi (2.5 bar). Suitable for use on most makes of car and commercial vehicles, including: Mercedes, Ford, Chrysler, Peugeot, Honda, Lexus, Mazda, Suzuki, Toyota, Nissan, Opel, Volkswagen, Saab, Volvo, Audi, Citroen, Fiat and BMW.

Contents: 14 radiator pressure testing caps, for use in testing cooling systems for leaks. Two cap adaptors, sizes 2-3 and 4-5, for testing radiator cap release pressure and seal condition. Two 200psi coolant hoses (5/16" and 3/8"), for use with T-adaptor for in-line pressure testing. T-adaptor for creating in-line pressure testing set-up. Two 3/4" hose clips.

Description	Order Code KEN-503	List Price/1	Offer Price/1
Cooling System & Radiator Pressure Tester	-0960K	$571.70	$400.19

Sykes-Pickavant Cooling System Tester Set

The full cooling system set contains the pump, bayonet connector, a range of radiator caps and threaded adaptors to allow use on a wide range of cars. Standard bayonet connector for adaptors and radiator caps, small bayonet connector for adaptors and radiator caps, pump connector hose, threaded adaptor M48/M58, M52, M45, and M48. Threaded radiator cap M52, M45.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331895	2.85kg	-3318B	$988.80	$791.04

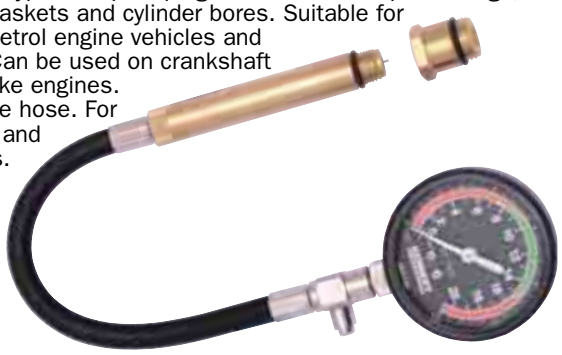
Cooling System Tester

For testing cooling systems on most makes of cars and vans. Pressure testing detects leaks in radiators, heater matrix, hoses, cylinder heads, engine blocks and water pumps. Expansion plugs enable fast and easy connection.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331900	2.30kg	-3319C	$1224.58	$979.66

KENNEDY QUALITY INDUSTRIAL TOOLING Compression Tester

Suitable for all types of spark plugs. Finds faults in piston rings, valves, head gaskets and cylinder bores. Suitable for use on most petrol engine vehicles and motorcycles. Can be used on crankshaft seals in 2-stroke engines. 195mm flexible hose. For use on 14mm and 18mm threads. Large easy to read scale 0-21bar/ 0-300psi. Air release valve to allow rapid re-testing.



Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Petrol engine Compression Tester		-1160K	$95.92	$67.14

Vacuum & Fuel Pump Tester

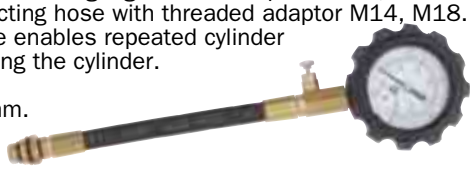
Suitable for use on most vehicle engines. Large, easy to read dual calibrated. 0-20bar/0-300psi, colour coded scale. Suitable for all types of spark plugs. Can be used on crankshaft seals in two-stroke engines. Suitable for testing and finding fault in petrol engines with: Spark misfires Poor engine compression Weak/rich mixture. Ignition over advanced/retarded. Inlet manifold and carburettor air leaks. Incorrect valve timing. Poor fuel economy. Carburettor balancing. Turbo boost gauge. Fuel pump.

Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Vacuum Tester		-1140K	$93.82	$65.67

Sykes-Pickavant Petrol Compression Tester

Large easy to read dual scale gauge with shockproof case, flexible rubber 310mm connecting hose with threaded adaptor M14, M18. Pressure release valve enables repeated cylinder testing without removing the cylinder.

Gauge diameter: 83mm.
Scale: 0 - 20 bar.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314000	450g	-3140S	$203.93	$163.14

Petrol Compression Tester Set

Large 83mm diameter easy to read dual scale gauge 0 - 20 bar with shock proof case and flexible 305mm rubber connecting hose with M14 and M18 thread, seven flexible rubber connecting daptor hoses with brass screw couplings. Pressure release valve enables repeated cylindertesting without removing the cylinder. Supplied in an impact resistant service case.

Length of Hose	Adaptor Thread
63mm	M14
94mm	M14
57mm	M18
57mm	M10
57mm	M12
95mm	M14, M18
95mm	M10, M12

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314003	2.50kg	-1027W	$569.25	$455.40

Sykes-Pickavant Master Kit

Comprehensive kit that covers most European cars. Includes adaptor for medium and heavy commercial vehicles. Standard bayonet connector for adaptors and radiator caps. Large bayonet connector. 2x small bayonet M52, M45, M48 threaded cap. Converter threaded cap M48/M58.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331795	3.00kg	-3317A	$1490.63	$1192.50

Diesel Compression Tester

Suitable for use on both direct and indirect diesel injected cars.

Contents:
- M10, M12, M14 x 1.25 glowplug adaptors,
- M24 x 2.0 dummy injector,
- M24, M20 Fords and HD,
- M10 x 1.25, M10 x 1.0 glowplug adaptor,
- Replacement seal and washer set
- 90° elbow,
- 560mm hose
- Clamp plate.

Gauge diameter: 83mm.
Scale: 0 - 60 bar.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314200V2	1.85kg	-3142V	$886.37	$709.10

Diesel Compression Tester CV Kit

Suitable for use on both direct and indirect diesel injected commercial, marine and industrial engines.

Contents:
- 5/16" x 24 UNF internal and 1/2" x 20 UNF external threaded centre pillar.
- 20.5 x 30, 23.6 x 32, 23.6 x 41 end adaptors.
- Replacement seal and washer kit.
- Two clamp plates.
- 90° elbow.

Gauge diameter: 100mm.
Scale: 0 - 60 bar.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314300	2.50kg	-3143W	$854.27	$683.42

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KENNEDY QUALITY INDUSTRIAL TOOLING Valve & Piston Ring Compressors

Designed for use on production lines as well as in the automotive workshop. Able to cope with occasional commercial use.
Manufactured from bright nickel plated steel with PVC cushion grips.

Opening capacity:
Straight:
75 - 230mm.
Straight/curved:
45 - 230mm.
Overhead cam:
75-240mm.

Throat Depth	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Straight				
230	1.30kg	**-2010K**	$149.19	**$104.43**
Straight/Curved				
230	1.40kg	**-2030K**	$166.62	**$116.63**
Overhead Cam				
280	1.70kg	**-2050K**	$283.14	**$198.20**

Valve Spring Compressor

Fully adjustable valve spring compressor for use on large and diesel engines. A unique 'direct action' compressor lever gives improved visibility and ease of use in areas of difficult access. Manufactured from heavy duty steel with all rivited joints and a slip resistant rubber handle.

Specifications:
Restricted access adaptors:
25mm, 30mm.
Jaw opening: min 35mm, max 200mm.
Throat clearance: 250mm.

35 - 200mm Capacity

Capacity Min./Max.	Order Code KEN-503	List Price/1	Offer Price/1
35-200mm	**-2700K**	$348.48	**$243.94**

Valve Spring Compressor

Fully adjustable valve spring compressor for use on multi-valve petrol & diesel engines with deep seated valves.
Universal model with uniquedual-cam action, parallel lift and automatic locking reversible jaw/adaptor, suitable for general use on a wide range of OHC, OHV and CVH engines. A unique 'direct action' compressor lever gives improved visibility and ease of use in areas of difficult access. Manufactured from heavy duty steel with all rivited joints and a slip resistant rubber handles.

55 - 175mm Capacity

Specifications:
Restricted access adaptors: 25mm, 30mm.
Jaw opening: min 55mm, max 175mm.
Throat clearance: 165mm.

Capacity Min./Max.	Order Code KEN-503	List Price/1	Offer Price/1
55-175mm	**-2710K**	$248.29	**$173.80**

KENNEDY QUALITY INDUSTRIAL TOOLING Piston Ring Pliers

To enable fast installation or removal of piston rings.
A self-adjusting spring tensioned mechanism manufactured from nickel-plated steel with PVC handles for extra grip. Capacity: 50 - 100mm (2" - 4").

Model Number	Capacity (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
PRP100	50 - 100	250g	**-2090K**	$54.34	**$38.04**

Sykes-Pickavant Valve Grinders

For grinding and lapping valves.
Solid wood handle with rubber suction cup for firm positive grip.

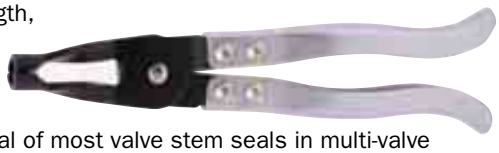
Overall length: 224mm.

Product Number	Cup Dia. (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660902	32	4g	**-6902R**	$3.76	**$3.01**
660903	22	4g	**-6903S**	$3.76	**$3.01**
660904	19	13g	**-6904T**	$4.74	**$3.79**
660905	19 & 22	50g	**-6905V**	$3.09	**$2.47**

KENNEDY QUALITY INDUSTRIAL TOOLING Straight Head Valve Seal Ring Pliers

Workshop

Standard Length
For the easy removal of most valve stem seals and lower valve spring guides in restricted areas above the cylinder head.
250mm overall length,
50mm reach.



Extra Long
For the easy removal of most valve stem seals in multi-valve engines in restricted areas above the cylinder head. Gripping serrations inside the jaws aid gripping the outside diameter of the valve stem seal. Steel pliers with double riveted metal handles.
270mm overall length, 80mm reach.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Standard		**-2680K**	$63.17	**$44.22**
Extra Long		**-2690K**	$74.98	**$52.49**

Piston Ring Compressors

The compressor gently compresses the piston rings into position reducing the risk of damage to components during installation. Key operated with ratchet mechanism and safety valve for combining safe rapid compression with positive control. Made from tempered spring steel complete with steel key.

PRC-540
Suitable for passenger car vehicle engines.
Capacity: 57 - 125mm (2.25" - 5").
Height: 80mm (3.25").

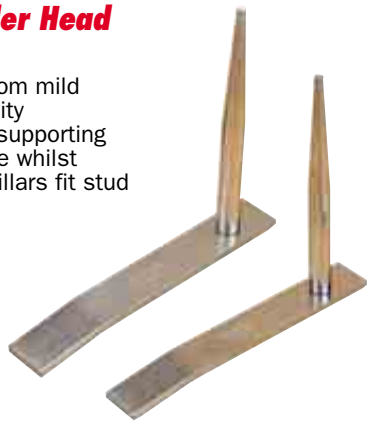
PRC-730
Suitable for car/light commercial vehicle engines.
Capacity: 90 - 175mm (3.5" - 7").
Height: 100mm (4").

PRC-765
Suitable for heavy commercial vehicle engines.
Capacity: 90 - 175mm (3.5" - 7").
Height: 165mm (6.5").

Model Number	Capacity (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
PRC540	57 - 125	260g	**-2210K**	$57.72	**$40.40**
PRC730	90 - 175	300g	**-2240K**	$72.96	**$51.07**
PRC765	90 - 175	560g	**-2270K**	$88.05	**$61.63**

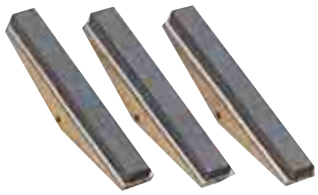
Sykes-Pickavant Cylinder Head Stand

Two piece set manufactured from mild steel with long bases for stability 250 x 38 x 6mm. Suitable for supporting cylinder heads to avoid damage whilst carrying out repairs. Tapered pillars fit stud holes 9 - 19mm.



Product Number	Range (mm)	Order Code SYK-503	List Price/1	Offer Price/1
017800	8 - 19	-1055A	$119.15	$95.32

Cylinder Hone Stone Sets



To suit 028000
Contents: 3x 19mm, 3x 29mm, 3x 50mm stones and nine replacement spring clips.

Product Number	Grit	Order Code SYK-503	List Price/1	Offer Price/1
028001	400 fine	-1168M	$53.45	$42.76
028002	220 med	-1168N	$53.45	$42.76
028003	100 coarse	-1168P	$53.45	$42.76

To suit 028100
Contains 3x 100mm stones and three replacement cotter pins.

Product Number	Grit	Order Code SYK-503	List Price/1	Offer Price/1
028101	400 fine	-1169A	$89.66	$71.73
028102	220 med	-1169B	$89.66	$71.73
028103	100 coarse	-1169C	$89.66	$71.73

Cylinder Hone

Suitable for use with electric or air power drills. To hone and deglaze cylinder bores.
The flexible drive shaft allows for easy alignment within the cylinder.

Supplied complete with 220 grit stones.

Product Number	Capacity (mm)	Order Code SYK-503	List Price/1	Offer Price/1
028000	13 - 89	-1168L	$103.89	$83.11
028100	50 - 180	-1168T	$90.16	$72.13

KENNEDY QUALITY INDUSTRIAL TOOLING Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 19 - 68mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all 3 jaw chucks. Supplied complete with a medium grade stone set. Overall length 200mm.
For storage purpose legs are retained in position by a triangular clip. This can be removed using long nose pliers. or tweezers and should be retained for futher use. Replacement stone sets available.
Use brake fluid for cutting lubricant.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Brake Hone 3 Leg	105g	-2940K	$36.48	$25.54
Replacement Stones				
Medium	83g	-2980K	$17.42	$12.19

Heavy Duty Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 51-178mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all 3 jaw chucks. Supplied complete with a fine grade stone set. Overall length 290mm.
For storage purpose legs are retained in position by a triangular clip. This can be removed using long nose pliers. or tweezers and should be retained for futher use. Replacement stone sets available.
Use brake fluid for cutting lubricant.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Heavy Duty Hone 3 Leg	380g	-2920K	$96.59	$67.61
Replacement Stone Sets - 3 Piece				
Fine	88g	-2950K	$38.12	$26.68
Medium	93g	-2960K	$38.12	$26.68
Coarse	97g	-2970K	$38.12	$26.68

KENNEDY QUALITY INDUSTRIAL TOOLING Cylinder Hone Set

Suitable for honing/deglazing car brake and clutch cylinders, motorcycle, lawnmower, outboard motor engine cylinders, small bore car engine cylinders with capacities between 18mm-89mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all three jaw chucks. Overall length 200mm. Supplied in a plastic blowmould case.

Set Contents:
Main honing body.
2 leg set - 60mm; 3 leg set - 60mm; 3 leg set - 50mm.
3 medium honing stones - 19mm, 28.8mm and 51mm.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4 in 1 Cylinder Hone	248g	-2930K	$76.23	$53.36

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KENNEDY PROFESSIONAL 2 in 1 Padded Creeper Board & Seat

Heavy duty steel frame with powder coat finish. Vinyl coated cushioning. Quickly converts from creeper to seat. Adjustable back and parts tray when in the seat position.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Board/Seat	1050 x 480 x 100	13.0kg	-7300K	$187.69	$131.38

Padded Creeper Board

Both the creeper board and seat framework are manufactured from heavy steel with a powder paint finish. Furnished with a vinyl covered cushioning and are fitted with castor wheels for ease of movement.

Padded Creeper Seat

The creeper seat is fitted with a parts tray for tools and components.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Board	1050 x 480 x 100	7.00kg	-7320K	$153.33	$107.33
Seat	365 x 355 x 355	3.50kg	-7340K	$88.21	$61.75

KENNEDY PROFESSIONAL Professional Reinforced Moulded Plastic Extra Wide Creeper Board

For easy movement and access, when working under vehicles. Manufactured from reinforced plastic to offer a durable hi-strength and lightweight creeper. Contoured base for added comfort and pockets on both sides to conveniently store tools and parts.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Board	1000 x 510	3.60kg	-7360K	$72.53	$50.77

SENATOR QUALITY TOOLING Moulded Plastic Creeper Board

For easy movement and access, when working under vehicles. Manufactured from reinforced plastic to offer a durable hi-strength and lightweight creeper. Two piece design for convenient storage and easy assembly that does not require tools.

Type	Size L x W x H (mm)	Weight each	Order Code SEN-503	List Price/1	Offer Price/1
Board	935 x 350	2.30kg	-7380K	$52.11	$36.48

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanic's Stethoscope

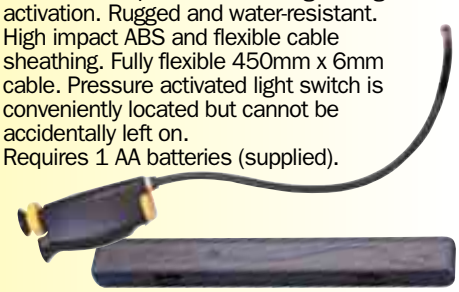
Professional stethoscope provides a fast and easy way to locate noises in engines or bearings and other moving parts. High quality surgical grade PVC and rubber parts for increased sound definition, plastic ear-pieces minimise outside noise with an aluminium alloy probe/needle for finding the exact location of specific noises. Supplied with rubber trumpet for checking vacuum and pressure flow. Useful for synchronising multi carburettors, helps to track dashboard rattles and is ideal for pinpointing unusual vibrations or suspected leaks, it is also shockproof.

Product Number	Order Code KEN-503	List Price	Offer Price/1
MSC110	-2740K	$39.04	$27.33

Pro-Vision Borescopes

ALB30544

Based on innovative new fibre-optic technology. High resolution lens - clear images of objects as close as 20mm. 40 degree field of view. Ergonomically designed handle for comfort. One-handed operation - focusing and light activation. Rugged and water-resistant. High impact ABS and flexible cable sheathing. Fully flexible 450mm x 6mm cable. Pressure activated light switch is conveniently located but cannot be accidentally left on. Requires 1 AA batteries (supplied).



Model Number	Order Code ALD-503	List Price/1	Offer Price/1
30544	-3070G	$800.42	$560.29

KENNEDY QUALITY INDUSTRIAL TOOLING Bottle Jacks

Industrial

WITH CASE

With large cast iron bases with a steel cylinder housing and an adjusting notched saddle. Fitted with an overload protection valve. Two piece 'pumping' handle also operates hydraulic release. Use on a firm level surface, do not work under the vehicle until another means of support, such as axle stands, are used. Models B234, B337 and B541 are supplied in a robust blow moulded carry case.

GS and TUV approved.
(Load ratings are 'metric tonnes' i.e. 1 Tonne = 1,000kg).
All supplied with spare seals.

Heavy Duty 30T Bottle Jack

Model B3047 has a machined/cast steel base and cylinder housing. Fitted with an overload protection valve. Three piece 'pumping' handle also operates hydraulic release. Use on a firm level surface, do not work under the vehicle until another means of support, such as axle stands, are used.

Model Number	Max Load (Tonne)	Height (mm) Min. - Max.	Max Saddle Adjustment	Weight each	Order Code KEN-503	Offer Price/1
B234	2	181 - 345	48mm	3.00kg	**-5820K**	**$37.74**
B337	3	194 - 372	60mm	3.75kg	**-5840K**	**$40.02**
B541	5	216 - 416	70mm	4.90kg	**-5860K**	**$54.89**
B845	8	230 - 457	80mm	5.75kg	**-5690K**	**$67.84**
B1246	12	230 - 465	80mm	7.50kg	**-5710K**	**$74.77**
B1546	15	230 - 460	80mm	8.50kg	**-5730K**	**$96.05**
B2045	20	242 - 452	60mm	11.20kg	**-5750K**	**$162.37**
B3047	30	285 - 475	-	23.20kg	**-5770K**	**$339.99**

Ratcheting Axle Stands

Suitable for supporting raised vehicles or equipment. Protective red enamel coating. 10-position ratchet design that automatically locks when raised.

Capacity	Per Stand	Min.-Max. Height	Order Code KEN-503	List Price/Pr	Offer Price/Pr
2 Tonne (2000kg)	2T	265-418mm	**-5520K**	$63.09	**$44.16**
3 Tonne (3000kg)	3T	280-420mm	**-5530K**	$94.67	**$66.27**

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KENNEDY Trolley Jack

QUALITY INDUSTRIAL TOOLING

Strong steel chassis provides stability when under load. Fixed direction castors and swivel castors for easier positioning under vehicles. Long reach single piece pump handle with comfort rubber for rapid raising and lower. Safety overload protection valve prevents overload damage to hydraulic mechanism. Integral carry handle.
GS and TUV approved.

T238
Type: with case.
Dimensions: 525 x 225 x 145mm.
Maximum load: 2,000kg.
Minimum height: 130mm.
Maximum height: 380mm.

T2.249
Type: with case.
Dimensions:
695 x 344 x 180mm.
Maximum load: 2,250kg.
Minimum height: 145mm.
Maximum height: 495mm.

T280
Type: long reach.
Dimensions:
1150 x 360 x 210mm.
Maximum load: 2,000kg.
Minimum height: 140mm.
Maximum height: 800mm.

For Air Tools
See Group 270

2 - 3 Days
(T280 Model Only)
Carriage at Cost

Model Number	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
T238	2 Tonne	12.0kg	-6320K	$104.22	$72.95
T2.249	2¼ Tonne	36.5kg	-6350K	$343.04	$240.13
T280	2 Tonne	58.0kg	-6920K	$650.13	$455.09

Spares

Description	Weight each	Order Code KEN-567	List Price/1	Offer Price/1
Seal Repair Kit for T238		-8160K	$19.65	$17.68
Seal Repair Kit for T2.249		-8180K	$29.49	$26.54

3 Tonne Quick Lift Trolley Jack

3 tonne capacity. One stroke instant lift foot pedal, raises the saddle up to jack point to increase productivity. Constructed from heavy gauge steel. 1m, two piece handle. 120mm diameter saddle. Automatic safety overload protection. Positive twist, lock and release mechanism. Heavy duty rear swivelling castor wheels.

Maximum load: 3000kg.
Minimum height: 145mm.
Maximum height: 490mm.

QUICK LIFT

3 TONNE

Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
3 Tonne	39.5kg	-7100K	$423.62	$296.53

Scissor Jack

Made from heavy duty steel with a rubber saddle which provides a positive grip and prevents damage to jacking points. Designed to safely raise vehicles. Easy to use and compact for easy storage. Lifting range: 88 - 383mm. 1 Tonne (1000kg) safe working load.
Wide base plate for extra stability.
Base plate size: 150 x 90mm. Spindle thread 12.5 x 2.5mm.

Model Number	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
KSJ010	1 Tonne	2.80kg	-5920K	$38.12	$26.68

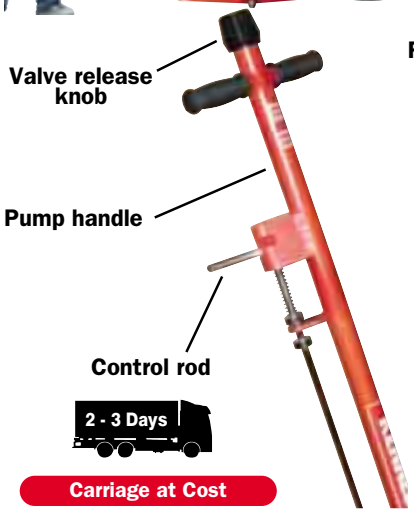
KENNEDY Heavy Duty Trolley Jacks

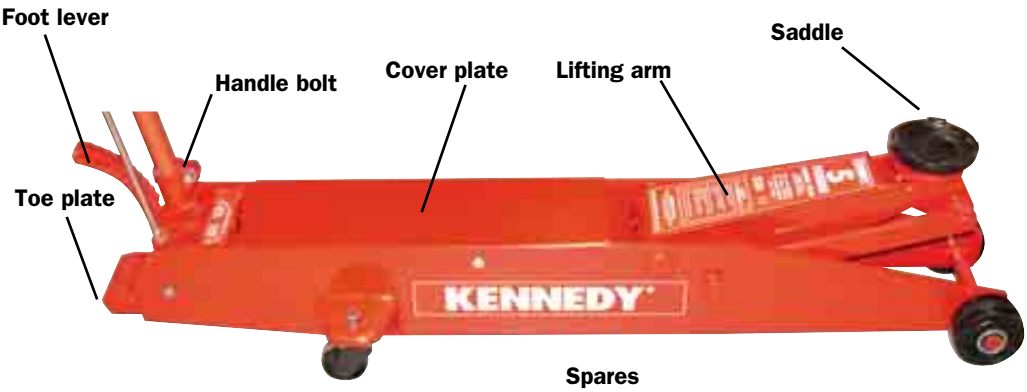
Workshop

Constructed from heavy gauge steel for heavy duty use with a large diameter saddle for a secure hold under the jacking point. Extra long handle for easy access under bigger vehicles which also tilts and locks in three positions with a built in handle mounted safety release to prevent accidental lowering of the load. A foot pedal pump and fine adjustment are fitted on the handle for optimum vehicle height. Automatic safety overload protection and rear toe plate for easy positioning.

Model Number	Max Load (kg/Tonne)	Min Height (mm)	Max Height (mm)	Saddle Ø (mm)	Handle Pieces (mm)	Handle Length (mm)	Chassis Length (mm)	Chassis Width (mm)	Chassis Height (mm)	Net Weight (kg)
T556	5,000/5	150	560	130	1	1,200	1,420	370	200	95.0
T1056	10,000/10	160	560	150	1	1,200	1,555	490	255	145.0

1 Tonne (metric ton or t) = 1000kg *1 ton (imperial ton) = 2240lbs (1016kg)*





2 - 3 Days

Carriage at Cost

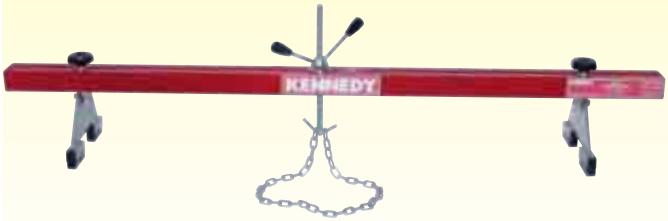
Model Number	Capacity	Order Code KEN-503	List Price/1	Offer Price/1
T556	5 Tonne	**-6380K**	$1514.31	**$1060.02**
T1056	10 Tonne	**-6420K**	$2176.91	**$1523.84**

Spares

Description	Order Code KEN-567	Offer Price/1
Handle Assembly to suit T1056	**-7800K**	**$140.18**

500kg Engine Support Beam

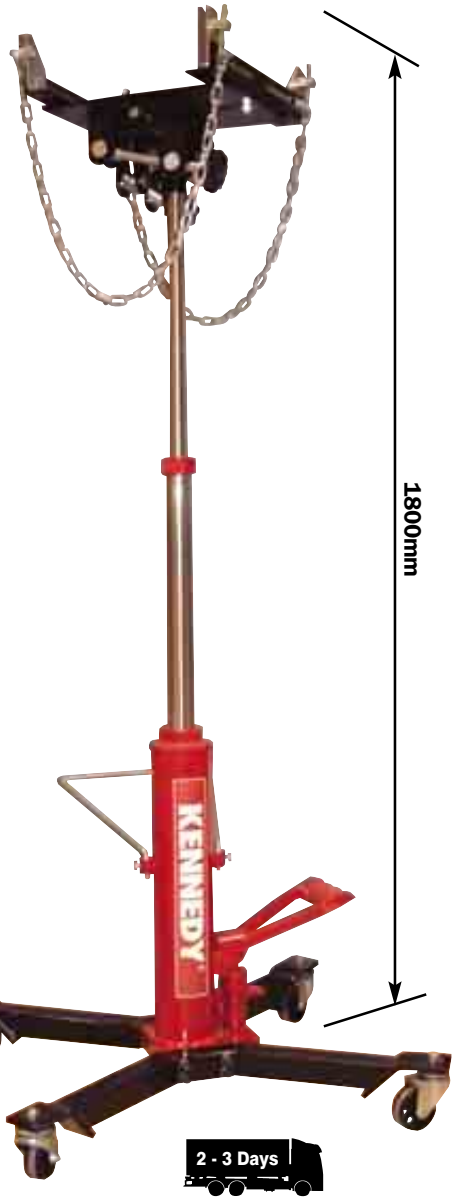
For supporting and accurately positioning engines during maintenance operations and as an aid for the removal of gearboxes and transmissions. 500kg (½ tonne) capacity. Adjustable width to bridge various engine compartments. Fitted with soft rubber feet to protect the bodywork. Supplied with a 92cm long chain. Supporting legs can be tilted.



Type	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Engine Support	500kg		**-8100K**	$326.54	**$228.58**

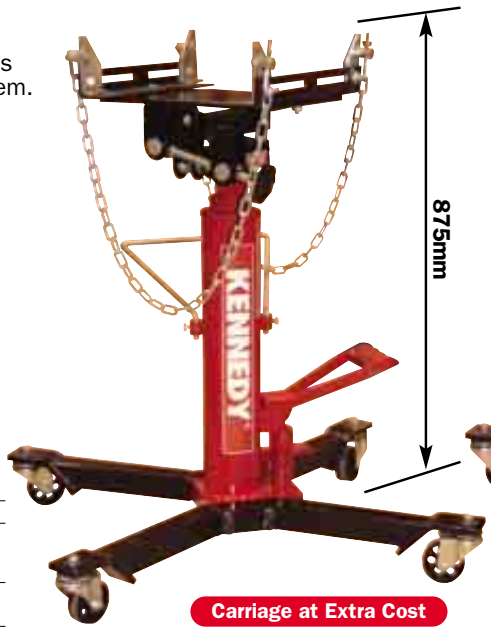
For Socket Sets

See Group 582



Telescopic Transmission Jack

Ideal for car and light commercial transmission removal and installation. Fully adjustable universal rotary saddle with adjustable corner brackets and safety chains. Foot operated pump and release valve leaves both hands free to manoeuvre transmission. Wide base with four 3" dia. swivel-type ball bearing castors providing stability and easy manoeuvring. Two-stage flash chromed rams inhibit rust from entering the hydraulic system. Lifts from 875mm to 1800mm.



Contents	TTJ500
Capacity	½ Tonne
Ram Extensions	2
Minimum Saddle Height	875mm
Maximum Saddle Height	1800mm
Saddle Size	680x810mm
Chain Length	95mm
Saddle Tilt Forward	24"
Saddle Tilt Back	19"
Saddle Tilt Side	+/- 20"
Saddle Return Weight	15.8kg (35lbs)
Base	695 x 805mm
Weight	68.5kg

Model Number	Order Code KEN-503	List Price/1	Offer Price/1
TTJ500	**-7160K**	$1044.35	**$731.04**

Description	Order Code KEN-567	Offer Price/1
Seal Repair Kit	**-8210K**	**$171.02**

Carriage at Extra Cost

2 - 3 Days

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Three Jaw Oil Filter Wrench

Sykes-Pickavant

Manufactured from hardened steel. The geared jaws automatically tighten as the load increases to securely grip the filter for safe removal. For use with a 3/8" square drive ratchet wrench or 19mm open ended spanner.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
038100	62-93	380g	-1603G	$117.71	$94.17

KENNEDY Three Jaw Oil Filter Wrench

KENNEDY QUALITY INDUSTRIAL TOOLING

Workshop

For use with ratchet handles, extension bars, flexible drives etc. With 3/8" square drive and hexagon adaptor, or use with 19mm/3/4" AF spanners or sockets. All steel construction, chrome plated with milled teeth on gripping arms for positive action when loosening or tightening.

Spread/ Range	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
60 to 120mm	600g	-1800K	$82.87	$58.01

Steel Loop Oil Filter Removers

Die cast screw with non stretch steel band. The tool is looped over the filter and tightened, once the filter is gripped firmly it can be removed. Suitable for one handed use in areas of confined access.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
038400	65 - 100	450g	-1605D	$88.29	$70.63
038300	110 - 155	450g	-1604C	$100.60	$80.48

Strap Type Oil Filter Remover

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps.

Diameter (mm)	Weight each	Order Code KEN-582	List Price/1	Offer Price/1
60 - 140	280g	-9500K	$21.02	$12.61

Chain Type Oil Filter Remover

Mild steel shank with 1" external hex and 1/2" internal square drive. Heavy duty leaf link chain suitable for removing large oil, fuel and water filters on commercial vehicles, plant machinery etc.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
038900	150	800g	-1607V	$152.57	$122.06

Chain Wrench Oil Filter Remover

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps.

Diameter (mm)	Weight each	Order Code KEN-582	List Price/1	Offer Price/1
60 - 140	430g	-9520K	$21.02	$12.61

Strap Type Oil Filter Remover

Polyester web strap with steel tightening shank. The shank has a 13/16" external hex and a 1/2" internal square drive. Suitable for removing oil, fuel and water filters, gripping hubs and brake drums, removing exhausts etc. The compact design allows use in confined spaces.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
038600	300	350g	-1606E	$149.50	$119.60

Oil Filter Pliers

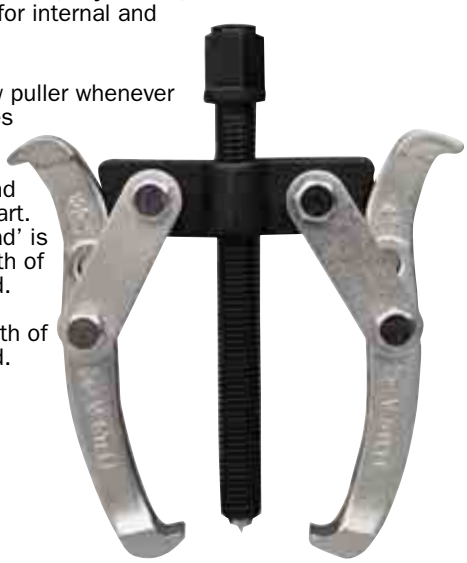
Manufactured from hardened and tempered chrome vanadium with chemically blackened corrosion resistant finish and vinyl grip. Three position rapid jaw adjustment with high grip tooth profile, ensures the minimum amount of effort is required to remove or fit oil filters.

Size	Capacity (mm)	Order Code KEN-503	List Price/1	Offer Price/1
255mm (10")	69 - 80	-1760K	$40.67	$28.47
305mm (12")	50 - 114	-1780K	$45.57	$31.90

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Puller - 2 Jaw

Industrial Reversible/Double Ended Adjustable
Used for the removal of gears, ball races, bearings, pulleys and sprockets from a drive shaft. With reach capacities of 75mm, 100mm, 150mm and 200mm.
All sizes have double ended, adjustable, reversible legs and can be used for internal and external applications.

Selection
Always use a three jaw puller whenever possible. This produces better load distribution across the jaws and easier and safer removal of the part. Determine what 'spread' is needed this is the width of the part to be removed. The reach capacity is determined by the depth of the part to be removed.



Up to 175 mm Reach | 2 Jaw

Product Number	Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
MP275	40 - 75	60	125	-3030K	$31.65	$22.16
MP2100	50 - 100	70	160	-3040K	$45.51	$31.86
MP2200	60 - 150	120	240	-3060K	$73.95	$51.77
MP2150	80 - 200	175	335	-3080K	$92.57	$64.80

Spare Jaws

To Suit Puller	Order Code KEN-567	List Price/1	Offer Price/1
MP275	-5330K	$13.41	$12.07
MP2100	-5340K	$20.31	$18.28
MP2200	-5360K	$37.02	$33.32
MP2150	-5380K	$74.04	$66.64

Long Reach Mechanical Puller - 2 Jaw

Reversible
Manufactured from drop forged hardened alloy steel. Three position extra long legs to be used where access is limited. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position.
The legs are then retracted with the bearing by turning the T-bar to extend the thrust bolt on to fixed shaft.
Spread: 10 - 50mm.
Reach: 300mm.

300mm Reach | 2 Jaw | Extra long

Reach	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
300mm		-3320K	$146.50	$102.55

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Puller

Workshop

3 Jaw Industrial Reversible Double Ended Adjustable
Manufactured from drop forged chrome vanadium steel.

Up to 175 mm Reach | 3 Jaw

Product Number	Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
MP375	40 - 75	60	125	-3130K	$44.16	$30.91
MP3100	50 - 100	70	160	-3140K	$63.55	$44.48
MP3150	60 - 150	120	240	-3160K	$104.24	$72.97
MP3200	80 - 200	175	335	-3180K	$141.57	$99.10

Spare Jaws

To Suit Puller	Order Code KEN-567	List Price/1	Offer Price/1
MP375	-5330K	$13.41	$12.07
MP3100	-5340K	$20.31	$18.28
MP3150	-5360K	$37.02	$33.32
MP3200	-5380K	$74.04	$66.64

Sykes-Pickavant Mechanical Puller - 2 Jaw

Industrial Reversible/Double Ended
The double ended reversible/double ended drop forged steel jaws, are heat treated for strength and durability. They can be used internally or externally.

083100:
Spread: 200mm.
Reach: 140mm.

140mm Reach | 2 Jaw

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083100	2.20kg	-2151B	$218.62	$174.90

Long Reach Mechanical Puller - 2 Jaw

Industrial Reversible/Adjustable
The points at which the jaws are attached to the pulling frame, are adjustable providing more pulling options.

083300
Spread: 350mm.
Reach: 380mm.

380mm Reach | 2 Jaw

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083300	12.0kg	-2153D	$510.38	$408.30

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Sykes-Pickavant Mechanical Puller - Combination Sets

2 & 3 Jaw Reversible Adjustable
Two position jaws can be adjusted for increased pulling options.

Spread: 60mm.
Reach: 50mm.

50mm Reach | 2&3 Jaw

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
082300	0.30kg	-2100N	$237.43	$189.94

General Purpose Set

2/3 Jaw Reversible/Double Ended/Adjustable
For a wide range of pulling options.

660360
Spread: 100mm.
Reach: 75mm.

Up to 75 mm Reach | 2&3 Jaw

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660360	1.2kg	-6360N	$121.84	$97.47

Mechanical Puller

2/3 Jaw General Purpose
Double ended reversible legs, for internal and external applications.
Spread: 80mm.
Reach: 90mm.

90mm Reach | 2&3 Jaw

Product Number	Beams	Order Code SYK-503	List Price/1	Offer Price/1
082705	2/3 Jaw	-2110T	$198.48	$158.78
082805	2/3 Jaw	-2120M	$355.50	$284.40

Thin/2 Jaw Mechanical Puller

Manufactured from forged steel, with thin jaws for access where the clearance behind the component is limited.

086000
Spread: 75mm. Reach: 75mm.

086100
Spread: 150mm. Reach: 150mm.

086200
Spread: 225mm.
Reach: 225mm.

2 Jaw | Up to 225 mm Reach

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
086000	0.85kg	-2250A	$181.67	$145.34
086100	3.70kg	-2253D	$366.67	$293.34
086200	6.00kg	-2260M	$539.38	$431.50

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Puller - Industrial Kits

Workshop

2 & 3 Jaw Reversible/Double Ended/Adjustable
Manufactured from chrome vanadium steel. Each kit contains the components to assemble a 2 or 3 jaw external or internal puller. The legs can be set at two different height positions.

3x Inner & outer reversible, 2 height position jaws

Three jaw yoke

Drive screw

3x Pivot bolt

Two jaw yoke

6x Connecting plate

Assemble to produce:
3 jaw external configuration.

Up to 200 mm Reach | 2&3 Jaw

Assemble to produce:
2 jaw external configuration.

Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
41 - 53	75	80	-3230K	$68.63	$48.04
40 - 87	100	100	-3240K	$98.54	$68.98
60 - 139	150	165	-3260K	$161.50	$113.05
80 - 194	200	240	-3280K	$224.90	$157.43

KENNEDY QUALITY INDUSTRIAL TOOLING Bearing Separators

Workshop

For removing bearings, gears and bushes from shafts where access with a mechanical puller is restricted.
Separators have tapered edge for insertion behind close fitting bearings, gears and bushes.
Jaw hardness: 42° - 45° HRC.

Up to 150mm capacity

Product Number	Capacity (mm)	Order Code KEN-503	List Price/1	Offer Price/1
BS50	30 - 50	-4520K	$57.06	$39.94
BS75	50 - 75	-4540K	$68.50	$47.95
BS105	75 - 105	-4560K	$109.02	$76.31
BS150	105 - 150	-4580K	$327.30	$229.11

Mechanical Separator Set

30 - 75mm
For removing bearings, gears, sprockets and bushes.
Metal storage case.

Contents:
1x 7" thrust bolt.
1x 30 - 50mm separator.
1x 50 - 75mm separator.
2x 80 and 100mm main rods.
2x 90 and 110mm extension rods.
1x beam.

8 PIECES

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
MS12	4.95kg	-4750K	$280.80	$196.56

Sykes-Pickavant Internal Extractor Kits

The collets are precision machined, supplied complete with sliding hammer assembly. For removing rapidly and efficiently gears, bearings, pinions, oil seals when conventional pullers cannot be used. Collets close down to allow passage through a bore and then 'wind' out to grip the blind side of the component.

Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
095801	6.0	13.0	2.10kg	-2506P	$484.82	$387.86
095800	6.0	60.0	8.30kg	-2505M	$1362.11	$1089.69
095802	13.0	30.0	2.50kg	-2507Q	$529.77	$423.82
095804	8.0	22.5	3.70kg	-2508P	$486.82	$389.46
095813	18.0	22.5		-2512E	$95.16	$76.13
095814	22.5	30.0		-2513G	$121.84	$97.47

Collets Other sizes available on request.

Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
095810	8.0	11.0		-2509Y	$60.96	$48.77
095811	10.5	13.0		-2510A	$62.73	$50.18
095812	13.0	18.0		-2511C	$68.60	$54.88

Sykes-Pickavant Bearing Separator & Puller Set

Bearing separator with two interchangeable thin jaw puller legs. Puller has a 75mm spread and reach.
The separator has a maximum diameter of 55mm and a reach of 115mm.

115mm Reach

Up to 150mm capacity

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
093005	75/55	2.00kg	-2301B	$351.51	$281.21

Separator & Puller Combination Set

Set contains components to make five different puller/separator combinations: 10mm, 89mm reach three jaw internal or external puller.
Thin jaw, two jaw puller internal or external.
55mm diameter separator.

2&3 Jaw

89mm Reach

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
094003	10	2.95kg	-2403D	$470.89	$376.71

'Multipull' Blind Housing Puller

For the removal of blind housing bearings without the need to dismantle machinery or remove the running shaft. Positive seating allows even tension on the inner and outer bearing rings reducing resistance. The stabilisers reduce sideways movement and self centres the puller. The three sets cover a range of ISO bearings, if there is no ISO reference on the bearing refer to the puller spread and adaptor.

098000 - ISO designation: 6004-6010, 6004-6015. Reach: 125mm. Adaptor diameter: 5.5 - 8mm.

098100 - ISO designation: 6299-6205, 6200-6211 and 6212-6222. Reach: 415mm. Adaptor diameter: 5.5 - 12.5mm.

Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
098000	20	95	0.85kg	-2600A	$420.43	$336.34
098100	20	117	3.15kg	-2610H	$1165.39	$932.31

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KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Puller Sets

SWP9 Steering Wheel
Suitable for GM, Ford and Chrysler vehicles. Also suitable for removing pulleys and fly wheels.

Contents:
1x yoke,
1x thrust bolt.
1x thrust cap.
2x 75mm screws (5/16" x 24 UNF).
2x 75mm screws (3/8"x 16 UNC).
2x 90mm screws (5/16"x 18 UNC).
1x plastic storage tray.

HPB9 Harmonic Balance
For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38mm to 117mm (1 1/2" to 4 5/8").
Ductile steel yoke.

Contents:
1x yoke.
1x thrust bolt.
1x ram nut.
3x 75mm screws (3/8"x24 UNF).
3x 75mm screws (3/8" x 16 UNC).
1x plastic storage tray.

CP18 Combination
Steering wheel puller suitable for GM, Ford and Chrysler vehicles.
For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38mm to 117mm (1 1/2" to 4 5/8").

Contents:
As SWP9 and HPB9 above.

Model Number	Weight each	Order Code KEN-503	List Price/Set	Offer Price/Set
SWP9	1.00kg	-3400K	$48.04	$33.63
HPB9	1.80kg	-3420K	$59.23	$41.46
CP18	2.75kg	-3440K	$86.79	$60.75

KENNEDY QUALITY INDUSTRIAL TOOLING Slide Hammer Puller Set

Multi-function
Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight. Slide hammer design for removing bearings from blind housings. Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position.
Blow moulded storage case.

Contents:
1x T-bar.
1x hammer.
1x two jaw head.
1x three jaw head.
1x leg locking nut.
1x grip wrench adaptor.
1x tapping adaptor and hook.
2x axle pullers.
3x 120mm puller legs,
3x screw and nut assemblies.
1x blow moulded storage case.

15 PIECES | 2&3 Jaw

Model Number	Weight each	Order Code KEN-503	List Price/Set	Offer Price/Set
SHP8	8.20kg	-3480K	$235.44	$164.81

Sykes-Pickavant Slide Hammer Assembly

For use with Sykes-Pickavant split coller type internal extractors.
Hammer displacement 220mm.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
085421		-2210L	$111.63	$89.30

KENNEDY QUALITY INDUSTRIAL TOOLING Slide Hammer Puller Set

3 Jaw Internal & External Multi-function Slide Hammer Puller Set

Workshop

Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight. Slide hammer design for removing bearings from blind housings. Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. Blow moulded case.

6 Piece Set Contents:
1x T-bar.
1x hammer 1.2kg.
1x 3 jaw internal puller 15 - 30mm.
1x 3 jaw internal puller 30 - 80mm.
1x 3 jaw external puller 15 - 80mm.
1x blow moulded case.

6 PIECES | 3 Jaw

Model Number	Weight each	Order Code KEN-503	List Price/Set	Offer Price/Set
IEP	4.95kg	-3340K	$280.95	$196.66

Hand Tools

KENNEDY QUALITY INDUSTRIAL TOOLING 6 Way Hydraulic Puller Set

Workshop

10 ton capacity hydraulic ram with tommy bar.
Supplied with three position puller legs covering a spread of 50 - 250mm and reach of 0 - 250mm.
Can be used as a two or three legged puller with the same head.

Contents:
1x combination head.
1x hydraulic ram.
3x three position puller legs.
6x leg connectors.
6x screw nuts, bolts and washers.
1x 50mm extension rod.
1x ram nut.
1x blow moulded storage case.

Up to 250 mm Reach

2&3 Jaw

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HP19	4.90kg	-3500K	$444.15	$310.90

Sykes-Pickavant Hydraulic Pullers - 2 and 3 Jaw Kits

Combination twin/triple leg puller kits. Complete with ram extension offer a wide range of pulling options. Wide range of kits to suit most applications.

153405:
Spread: 100mm. Reach: 100mm.
Extension: 50mm. In promotion box.

155000:
Spread: 150mm. Reach: 150mm.
Extension: 50mm.
Contains components to make up 4 different pullers. In metal box.

155100:
Spread: 250mm. Reach: 250mm.
Extension: 50/100/150mm.
In metal box.

Up to 250 mm Reach

2&3 Jaw

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
153405	3.70kg	-2831A	$655.88	$524.70
155000	8.20kg	-2850A	$1014.25	$811.40

Hydraulic Ram

10 ton capacity grease filled hydraulic ram with spring loaded plunger. Provides direct non-twisting application of thrust that is more effective and secure than a mechanical thrust screw. Fully threaded body allows for quick and easy height adjustment.

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HR10T	1.40kg	-7200K	$196.02	$137.21

Model Number	Weight each	Order Code KEN-567	List Price/1	Offer Price/1
Seal Repair Kit		-8230K	$22.92	$20.63

Hydraulic Ram

Applies exceptional direct thrust with ease.
Can be used with bearings up to 140mm.

Description	Product Number	Order Code SYK-503	List Price/1	Offer Price/1
Ram	150000	-2800A	$248.95	$199.16

Length (mm)	Product Number	Order Code SYK-503	List Price/1	Offer Price/1
50 (2”)	152422	-2803D	$21.24	$16.99
100 (4”)	152624	-2811M	$23.24	$18.59
150 (6”)	152726	-2814Q	$38.06	$30.45

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Sykes-Pickavant Hydraulic Separator & Puller Combination Set

Manufactured from forged alloy steel.
Taper jaws allow the separator to be used where access behind the component is too restricted to use normal pullers. Makes four hydraulic pullers and one separator.
In lockable metal case.
Spread: 250mm.
Reach: 250mm.
50/100/150mm.

2&3 Jaw

Up to 150 mm Reach

Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
155200	10	105	19.0kg	-2857H	$1864.87	$1491.90

Hydraulic Puller

Have a simple, grease filled ram instead of the mechanical force screw. This produces more power easily and efficiently. The spring loaded plunger provides direct, non-twisting application of thrust safely.

Hydraulic Micro Puller - 3 Jaw
The jaws are manufactured from drop-forged steel with independent leaf springs for positive location. Suitable for the rapid removal of small bearings.
Spread: 19 - 45mm.
Reach: 73mm.

73mm Reach

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
082150		-2100C	$382.05	$305.64

Thin Jaw Hydraulic Puller - Combination Set

Manufactured from forged steel, with thin jaws for access where the clearance behind the component is limited.

Hydraulic 2 and 3 Jaw Kit 186504:
Spread: 225mm.
Reach: 225mm.
Extension: 50/150mm.
Contains components to make up to five different hydraulic and one mechanical thin jaw puller.
In metal box.

2&3 Jaw

225mm Reach

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
186504	15.0kg	-2906N	$1997.85	$1598.28

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Separator Sets

Workshop

HS7 105 - 150mm
HS11 75 - 105mm

For removing bearings, gears, sprockets and bushes. 10 ton capacity hydraulic ram with tommy bar.
Metal storage case.

8 PIECES

Both sets contain:
1x hydraulic ram.
1x separator.
2x 200mm main rods.
2x 230mm extension rods.
1x beam.
1x ram nut.
HS7 (only) also contains
1x 80mm push plate.
1x 50mm ram extension.
1x 100mm ram extension.

HS7 Set Illustrated

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HS7	15.0kg	-4700K	$607.50	$425.25
HS11	9.30kg	-4720K	$378.81	$265.17

Hydraulic Puller/ Separator Set

10 ton capacity hydraulic ram with tommy bar.
Suitable for agricultural machines, garage and industrial use.

Contents: (KEN- 503-7200K)
1x hydraulic ram.
3x 4", 6" and 8" puller legs.
1x twin head.
1x triple head.
1x 50mm ram extension.
1x 100mm ram extension.
2x 200mm main rods.
2x 230mm extension rods.
1x 75 - 105mm separator.
1x bolt.
1x ram ring.
1x ram nut.
Blow moulded storage case.

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HPS22	16.0kg	-3520K	$800.25	$560.17

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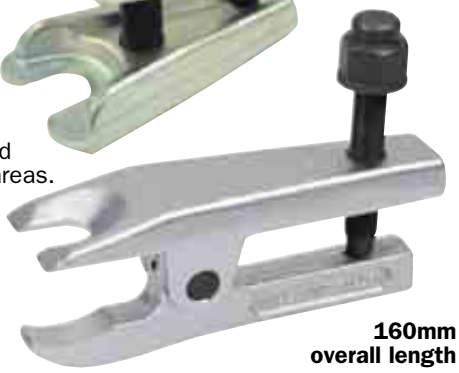
KENNEDY QUALITY INDUSTRIAL TOOLING Ball Joint Separator

Workshop

Manufactured from drop forged alloy steel with slim tapered fork jaw for easier access into confined areas. Suitable for use on most car and light commercial vehicle ball joints.

100mm overall length

100mm Overall Length - Restricted Access
Designed for use in hard to reach and confined areas. Mainly for use on Asian import cars.



160mm overall length

Overall Length	Capacity	Throat Depth	Throat Width	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
100mm	22mm	22mm	22mm	740g	**-1400K**	$73.73	**$51.61**
160mm	45mm	22mm	18mm	1120g	**-4400K**	$72.61	**$50.83**

Ball Joint Servicing Kit

Made from cast iron and hardened carbon steel, this kit is designed for the removal of press fit type ball joints without having to remove the control arm from the vehicle. The kit can also be used for removing brake anchor pins and the servicing of universal joint bearings.

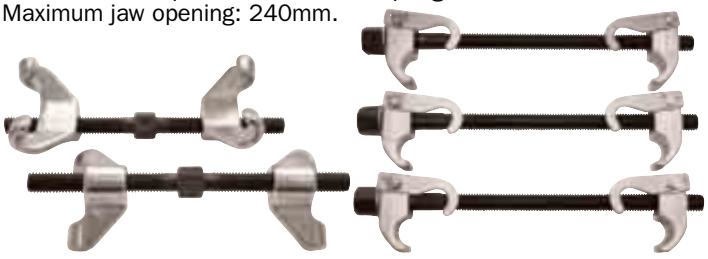
Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Ball Joint Servicing Kit		**-1300K**	$424.80	**$297.36**

Spring Compressor Sets

Hardened steel screws and cast steel claws.

2 Legged
Central hexagonal drive with wrap over coil claws which can be reversed for spreading applications. Suitable for use on cars and light commercial vehicles. Use with 21mm/$^{13}/_{16}$" AF open ended spanner. Maximum jaw opening: 250mm.

3 Legged
Each leg has one free moving claw and one threaded claw with a $^{1}/_{2}$" square drive or 24mm hexagon drive - can be used with air tools or spanners. Fitted with safety hooks to prevent accidental release. Suitable for use on cars and commercial vehicles and allows safe compression of heavier springs.
Maximum jaw opening: 240mm.



Product Number	Number of Legs	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
CCD225	2	1.20kg	**-2410K**	$179.70	**$125.79**
CCD324	3	3.00kg	**-2420K**	$145.22	**$101.65**

Sykes-Pickavant Lever Type Ball Joint Separators

Tapered steel jaw, for quick and easy use on most cars and light vans.

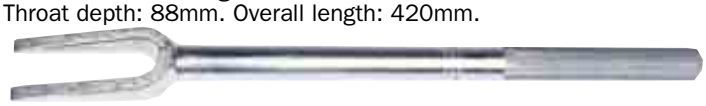
660490:
Throat depth: 69mm.
Overall length: 195mm.

081600:
Throat depth: 72mm. Overall length: 254mm.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660490	19	680g	**-6490K**	$33.64	**$26.91**
081600	19	850g	**-2012M**	$59.63	**$47.70**

Heavy Duty Ball Joint Separator

Strengthened steel body and forks. The longer length allows greater force to be applied to separate the ball joint, can be used from outside the wing.
Throat depth: 88mm. Overall length: 420mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
080600	18	1.10kg	**-2002B**	$115.50	**$92.40**

Hydraulic Ball Joint Separator

Manufactured from hardened steel with tough epoxy coating. Tapered fork for easy access. Hydraulic ram allows up to eight tonnes of force to be applied.
Jaw opening: 70mm.
Throat width: 36mm.
Throat depth: 50mm.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
180700	70		**-2891H**	$974.76	**$779.81**

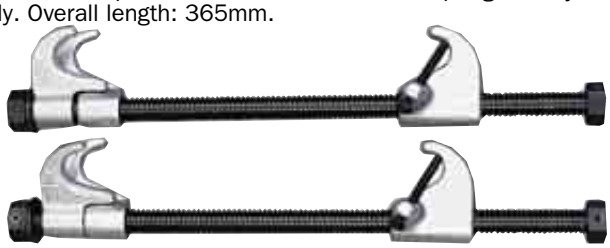
Medium Duty Ball Joint Separator

Manufactured from hardened steel with tough durable epoxy coating. The lever can be set to one of its four positions simply by releasing the pivoting pin.
The tapered slim fork allows easy access.
Suitable for use on most car and light commercial ball joints.
Throat depth:
080700 - 36mm.

Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
080700	70	1.70kg	**-2003C**	$488.48	**$390.78**

Coil Spring Compressor

For use on Macpherson struts to remove coil springs safely and easily. Overall length: 365mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083800	270	2.15kg	**-2158J**	$225.38	**$180.30**

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KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Nut Splitter Set

8 PIECES

The hydraulic ram provides up to 10 tonnes of direct non-twisting application of thrust that is more effective and secure than a mechanical thrust screw. Fully threaded body allows for quick and easy height adjustment.
The splitter bodies are manufactured from carbon steel.

8 Piece Set Contents:
1x hydraulic ram.
1x splitter body 3/8" diameter capacity
1x splitter body 1/2" diameter capacity
1x splitter body 5/8" diameter capacity
1x splitter body 3/4" diameter capacity
1x splitter body 1" diameter capacity
1x threaded attachment sleeve
1x oil bottle

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HNS100	4.45kg	-4300K	$757.29	$530.10

Nut Splitters

Workshop

Mechanical drop forged, hardened and tempered plated steel. Ideal for releasing seized/damaged nuts etc.

Product Number	Capacity (mm/Inch)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1	9 - 12 (3/8" - 1/2")	90g	-4090K	$33.40	$23.38
2	12 - 16 (1/2" - 5/8")	170g	-4160K	$38.12	$26.68
3	16 - 22 (5/8" - 7/8")	350g	-4220K	$50.99	$35.69
4	22 - 27 (7/8" - 1 1/16")	600g	-4270K	$60.55	$42.38

4 Piece Set
Contents (1 of each): No.1, No.2, No.3, No.4.

4 PIECES

No. of Pieces	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4	1.40kg	-4290K	$114.10	$79.87

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Timing Light

For checking and setting ignition timing on automotive, agricultural and marine engines. For use on 12V systems. Reverse polarity protected. Accurate to 8,000rpm. 135cm long durable power leads. Impact resistant housing. On/off trigger switch. Bright linear Xenon flash tube for daylight use. Focused lens provides concentrated light. Easy to apply inductive impulse pick-up.

Description	Order Code KEN-503	List Price/Set	Offer Price/Set
Standard. Timing light	-5340K	$145.93	$102.15

Advance Timing Light

Workshop

For checking and setting ignition timing on automotive, agricultural and marine engines. Measures ignition spark advance from 0-60º. For use on 12V systems. Reverse polarity protected. Accurate to 8,000rpm. 1m long removable coiled power leads. Impact resistant metal case and rubber nose cone. On/off trigger switch. Bright linear Xenon flash tube for daylight use. Focused lens provides a concentrated light. Easy to apply inductive impulse pick-up. Built-in check light.

Description	Order Code KEN-503	List Price/Set	Offer Price/Set
Advanced. Timing light	-5320K	$246.11	$172.28

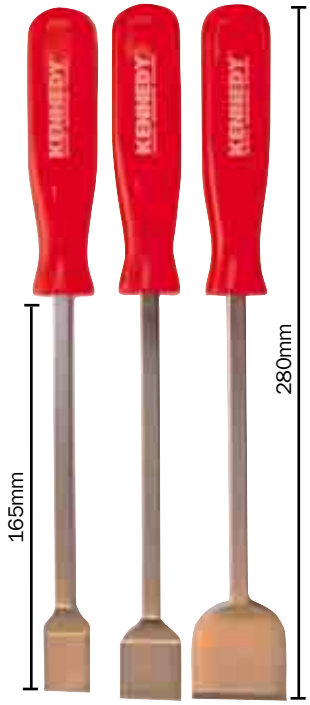
KENNEDY QUALITY INDUSTRIAL TOOLING Long Handled Gasket Scraper Set

3 PIECES

For cleaning cylinder heads and removing old sealants and carbon build up. Hardened and tempered carbon steel shanks and heads are 'offset to edge' to allow easy scraping of flat surfaces. Simple 'firmer' style bevelled points with longer head lengths allow for scrapers to be re-ground several times for maximum service life. Impact resistant square section handle for secure grip even when greasy.

Set includes blade widths:
19mm (¾"),
25mm (1") and
38mm (1½").

Overall length:
280mm (11")



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
GSL338	530g	-1700K	$89.19	$62.43

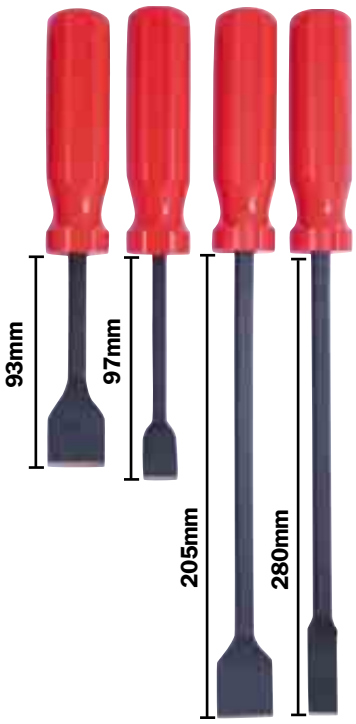
Standard Length Gasket Scraper Set

Workshop

4 PIECES

Rigid carbon scrapers ideal for cleaning cylinder heads, removing old sealants, carbon build up and a variety of general mutipurpose automotive applications.

Set includes blade lengths:
205mm x 13mm (8" x ½"),
205mm x 25mm (8" x 1"),
93mm x 25mm (3½" x 1"),
97mm x 15mm (3¾" x ⅝").



Number of Pieces	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4	1.10kg	-1980K	$65.18	$45.63

Spark Plug Hole Thread Chaser

Double ended for 14mm and 18mm plug hole threads. Cleans corrosion and carbon build-up from female spark plug threads and sensor sockets. Repairs minor cross threading damage. Use with 21mm deep socket

Type	Order Code KEN-503	List Price/1	Offer Price/1
Spark Plug	-2750K	$23.69	$16.58

Spark Plug Brush Set

3 PIECES

Set of three: nylon, brass and stainless steel.

Type	Order Code KEN-503	List Price/1	Offer Price/1
Spark Plug Brushes (Set of 3)	-5000K	$12.90	$9.03

Viscous Hub Spanners

For the removal of thermal viscous fan hubs. Suitable for most makes of car.

Size (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
32	325g	-1850K	$33.82	$23.67
36	315g	-1860K	$33.72	$23.60

Seal Puller Tool

Two size tips allow you to remove oil or grease seals from virtually anything including wheel bearings, transmission housings, etc. Hardened and tempered carbon steel shank and head with oxidised finish tips, chrome plated shank for protection against corrosion. Impact resistant square section handle for secure grip even when greasy.
Overall length: 310mm (12¼").

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
SPT312	365g	-2900K	$22.71	$15.90

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KENNEDY QUALITY INDUSTRIAL TOOLING Oxygen "EGO", "02", Lambda" Sensor Socket set

3 PIECES

3 piece universal set. Essential for servicing today's computer-controlled vehicle systems. Easily removes exhaust gas oxygen sensors (known as "EGO", "O2" or "Lambda" sensors), vacuum switches and pressure switches. Also suitable for diesel injectors found on Mitsubishi, Nissan, Opel, Vauxhall and VW vehicles. Made from heat treated cast steel.

Set contains:
22mm (7/8") hex, 1/2" square drive socket with 7.5mm side slot for sensor wire clearance. Socket has 22mm hex for use with a spanner. Overall length 80mm.

22mm (7/8") hex, crow's foot style wrench, 1/2" square drive (double square for easy access). With full length 11mm slot for total clearance of switch/sensor wire

22mm (7/8") hex, crow's foot style wrench, 3/8" square drive. With full length 8.6mm slot for total clearance of switch/sensor wire.

Description	Order Code KEN-503	List Price/1	Offer Price/1
Sensor Socket Set	-8020K	$98.75	$69.12

Battery Fluid Tester

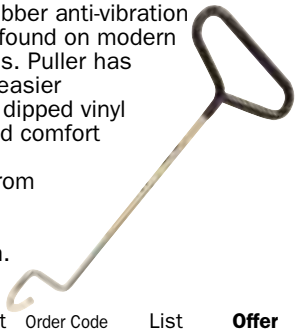
Tests 6, 12 and 24 volt batteries. Tough glass tube construction with colour coded float for easy reading which indicates the state of charge in each cell. Displays the specific gravity with a scale range of 1.100 to 1.300.

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BFT624	1.1 - 1.3	-1120K	$15.90	$11.13

Exhaust Doughnut Puller

To enable fast Installation or removal of rubber anti-vibration mounting rings found on modern exhaust systems. Puller has offset hook for easier application and dipped vinyl handle for added comfort and extra grip. Manufactured from hardened steel.

Length: 290mm.



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
EPD290	225g	-1600K	$17.81	$12.47

Oxygen Sensor Socket

1/2" Square drive. 22mm hex. x 90mm length. Cutaway section allows socket to pass over wiring.

Type	Order Code KEN-503	List Price/1	Offer Price/1
Oxygen Sensor Socket	-2760K	$73.14	$51.20

Magnetic Wing Cover

Designed to be used in the workshop to protect car wings when working. Manufactured from heavy duty vinyl with a soft backing to prevent any scratching or marking of paintwork when in use. The cover is held in place by magnets stitched into the material. Folds to a quarter of its length for storing.

Size (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1100 x 400	810g	-7800K	$130.52	$91.36

Battery & Alternator Tester

Indicates condition of battery and the output of an alternator. For automotive use on 12V DC systems only. Magnetic back.

0.8m long cable leads.

Test Voltage	Cable Length (metre)	Order Code KEN-503	List Price/1	Offer Price/1
12V	0.8m	-1080K	$42.31	$29.62

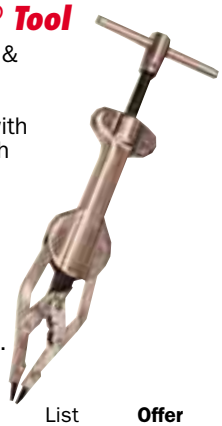
Anti-Freeze Tester

Suitable for use with Ethylene Glycol or Methanol type anti-freezes. Shows lowest temperature at which the cooling system is protected against freezing. Tough glass tube construction with an easy to read scale. For use on hot or cold engines.

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
AFT001	140g	-1100K	$22.71	$15.90

T-Handle Circlip® Tool

Fully adjustble internal & external Circlip® tool. Manufactured from hardened steel fitted with T-handle to give smooth precise control. Supplied with .090", .118", .150" & .170" interchangeable tips. 70mm capacity, ideal for use on commercial vehicles.
Overall length: 310mm.



Overall Length	Order Code KEN-503	List Price/1	Offer Price/1
310mm	-4980K	$316.08	$221.26

Spare Tips

Tip Size	Order Code KEN-567	Offer Price/1
0.090	-9100K	$11.31
0.118	-9110K	$11.31
0.150	-9120K	$11.31
0.170	-9130K	$11.31

KENNEDY QUALITY INDUSTRIAL TOOLING Non-Approved Fuel Container

Durable polyethylene containers. Diesel, petrol, chemical and oil resistant. Integral rigid dispensing spout.

Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5ltr	320g	-9100K	$13.82	$9.67
10ltr	500g	-9120K	$18.95	$13.27
20ltr	755g	-9140K	$32.62	$22.83

Steel Fuel Can

Manufactured from heavy gauge steel with an epoxy coated finish. Supplied with a flexible polythene vented pouring spout. Suitable for storage and transportation of petroleum spirit.

Tested to **DIN 7274, complies with UN Class 3.**

Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
10ltr	1.90kg	-9200K	$76.12	$53.28

Steel Jerry Can

Manufactured from 16swg steel. Suitable for storing petrol. Suitable for storing and transportation of diesel, paraffin and motor oil. With lever type safety sealing cap and integral carrying handle. Painted outside and phosphated internally.
UN Approved, Class 3

Jerry Cans

Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5ltr		-9270K	$43.51	$30.46
10ltr		-9260K	$51.69	$36.18
20ltr		-9250K	$59.47	$41.63

Metal Spouts For Jerry Can

Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5 & 10 ltr		-9300K	$9.80	$6.86
20ltr		-9320K	$9.80	$6.86

KENNEDY QUALITY INDUSTRIAL TOOLING 5 Litre Fuel Container

Industrial

Suitable for transporting and storage of petroleum spirit and diesel. UN approved, conforms with **S.I. 1982/630 Petroleum Spirit Plastic Container Regulations 1982.**

Colour Coded:
RED - For leaded fuel.
GREEN - For unleaded/ lead-free fuel.
BLACK - For diesel.

Colour	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Red	630g	-9010K	$13.82	$9.67
Green	630g	-9020K	$13.82	$9.67
Black	630g	-9030K	$13.82	$9.67

4000kg Professional Elasticated Tow Rope

Model TRE400
Two zinc plated steel safety hooks. Elasticated core minimises drag on overrun. Heavy duty stitched webbing. On tow sign.
Manufactured to **BS AU 187 1983.**
Extended length: 4m.

Length	Order Code KEN-503	List Price/1	Offer Price/1
4m	-8240K	$68.44	$47.91

2000kg Polypropylene Tow Rope

Model TRP200
Zinc plated steel safety hook. Looped one end. Manufactured from tough high visibility polypropylene. On tow sign.
Manufactured to **BS AU 187 1983.**
Length: 3.6m.

Length	Order Code KEN-503	List Price/1	Offer Price/1
3.6m	-8220K	$25.81	$18.07

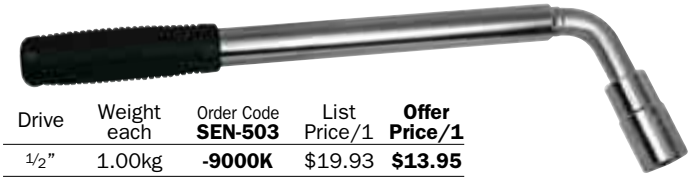
Fluorescent Warning Triangle

Manufactured from ABS plastic. This simple folding design combines a sturdy four footed base with its rubber grip feet and a high visibility interlocking triangle conforming to European Standard ECE R27 and tested to E1 specifications.
Supplied in a low profile plastic carrying case.

Description	Order Code KEN-503	List Price/1	Offer Price/1
Warning Triangle	-8400K	$25.97	$18.18

SENATOR QUALITY TOOLING Telescopic Wheel Wrench

Manufactured from drop forged chrome vanadium steel. Supplied with 17/19mm double ended socket that will fit the majority of car wheel nuts. Can be used with any other ½" square drive accessories. Extends to 500mm overall to give maximum leverage. **GS and TUV approved.**



Drive	Weight each	Order Code SEN-503	List Price/1	Offer Price/1
½"	1.00kg	-9000K	$19.93	$13.95

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PCL AIR TECHNOLOGY Tyre Inflation Equipment

Pocket Type

The gauge head and body are manufactured from solid brass with a heavy duty chrome vanadium plated finish. The sliding pressure indicator is manufactured from solid, heavy duty alloy and clearly marked with units of pressure. The easy read pressure indicator incorporates a self-adjusting friction device enabling pressures to be read when the gauge is taken off the valve. A positive sealing washer ensures reliability.
Angled head for easy placement on valve head.

TPG1H05 Pressure range: 6 - 50lb/in² in 1lbf/in² units.
TPG3H519 Pressure range: 0.5 - 3.4 bar in 0.1 bar units.

Product Reference	Overall Length	Weight each	Order Code PCL-259	List Price/1	Offer Price/1
TPG1H05	112mm	35g	-4701T	$18.70	$17.20
TPG3H519	112mm	35g	-4703S	$18.70	$17.20

Tractor Tyre Type

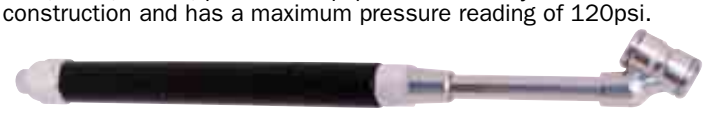
The tractor gauge can be used on air filled or water ballasted tyres and incorporates a pumping rod for expelling liquid and an oil hole for lubrication. Readings can be taken on or off the valve. This unit includes a solid alloy indicator with easy to read figures. The outer case is brass and finished in a high polish chromium.

TPG15M03 Pressure range: 6 - 50 lbf/in² in 1lbf/in² units and 0.5 - 3.4 bar in 0.1 bar units.

Product Reference	Overall Length	Weight each	Order Code PCL-259	List Price/1	Offer Price/1
TPG15M03	165mm	70g	-4715D	$31.25	$28.75

KENNEDY QUALITY INDUSTRIAL TOOLING Deluxe Type Tyre Pressure Gauge

Manufacturers recommended pressures are based on cold tyre readings. This pressure gauge has a long body, ideal for use on cars, vans, lorries, plant and equipment. It is very robust in construction and has a maximum pressure reading of 120psi.



Max. Pressure Reading	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
120psi	230g	-8430K	$143.58	$100.51

Pencil Type Tyre Pressure Gauge

This push-on gauge is suitable for cars, vans and light commercials, where readings of up to 120psi are necessary. It is of chrome plated brass construction with a pen type pocket clip.

Max. Pressure Reading	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
120psi	43g	-8460K	$22.71	$15.90

4-Way Tyre Valve Service Tool

This case hardened tool is for the internal and external repair of valve threads, insertion and removal of valve cores.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4-Way Tyre Valve Service Tool		-8500K	$11.27	$7.89

KENNEDY QUALITY INDUSTRIAL TOOLING Air Line Tyre Inflator

Industrial

This push on type tyre inflator is robust and has a dial type pressure gauge reading up to a maximum of 170psi. The pressure gauge is protected from accidental damage by a rubber shock guard.

Max. Pressure Reading	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
170psi	720g	-8480K	$150.12	$105.08

Heavy Duty Air Line Tyre Inflator with Gauge

This heavy duty push on inflator is of rugged construction and has a clearview integral pressure gauge reading from 10 - 120psi.

Max. Pressure Reading	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
120psi	635g	-8520K	$195.86	$137.10

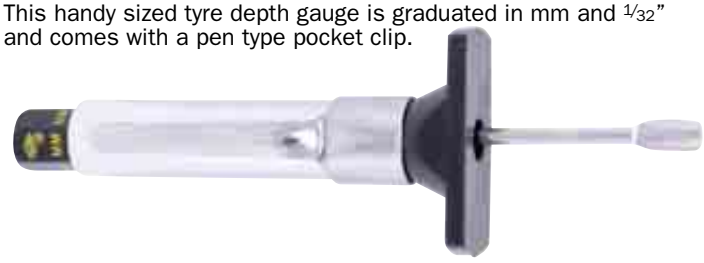
Dial Type Tyre Pressure Gauges

This push-on type pressure gauge is graduated in psi and bar up to a maximum of 64psi (4.5bar). The reading is held until the release button is pressed.

Max. Pressure Reading	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
64psi	125g	-8440K	$48.84	$34.19

Tyre Tread Depth Gauge

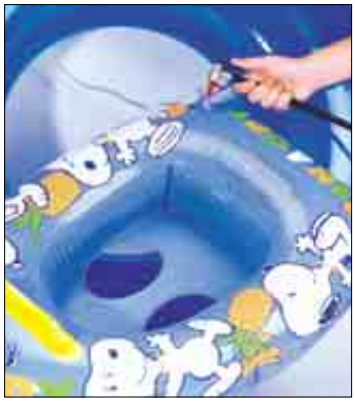
This handy sized tyre depth gauge is graduated in mm and 1/32" and comes with a pen type pocket clip.



Graduation	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
mm and 1/32"	25g	-8450K	$15.52	$10.86

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Air Compressor/ Pressure Gauge/Tyre Inflator

For inflating tyres, airbeds, boats, sports equipment and any other inflatable products. Complete with 3m of cable 12 volt car cigarette lighter plug, nozzles and adaptors. The dual air pressure gauge can be read in both lb/in² and kg/cm². 300psi.



Voltage	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
12	1.3kg	-2500K	$74.98	$52.49

SENATOR QUALITY TOOLING Single Cylinder Foot Pump

Steel barrel, preset pressure gauge, rubber foot-rest pad.
Standard thumb-lock connector.
24" hose length.
Capacity: 0 - 7bar/0 - 7kgfcm 2 (100psi).

Capacity	Order Code SEN-503	List Price/1	Offer Price/1
0 - 7 bar	-5350K	$24.86	$17.40

KENNEDY QUALITY INDUSTRIAL TOOLING Battery Booster Cable

Industrial

For use on cars and light commercial vehicles. Easy starting with low power loss. Tangle-free copper cable with double insulation. Robust fully insulated colour coded clamps.

Light Duty
Suitable for 12 and 24 volt systems. Three metre cable.
16mm2 multi-stranded cable core rated to 220 amps.

Medium Duty
Suitable for 12 and 24 volt systems. 3.5 metre cable.
25mm2 multi-stranded cable core rated to 350 amps.

Heavy Duty
Suitable for 12 and 24 volt systems. 4.5 metre cable.
35mm2 multi-stranded cable core rated to 480 amps.

All Kennedy booster cables are supplied with a heavy duty storage bag.

Model Number	Amp Rating	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BCC 16	220	1.80kg	-5200K	$65.18	$45.63
BBC 25	350	3.30kg	-5250K	$106.18	$74.33
BBC 35	480	4.30kg	-5280K	$195.86	$137.10

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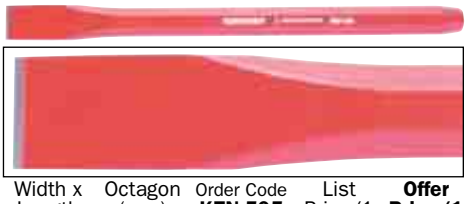
KENNEDY QUALITY INDUSTRIAL TOOLING Cold Chisels

Chrome Vanadium
Manufactured from high quality octagonal chrome vanadium steel with a ground cutting edge, in accordance with **BS 3066**. For use on brickwork, masonry and cold metals.

Flat for cutting cold metals and brickwork.



Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
6 x 100	6	-1600K	$6.01	$4.51
6 x 150	6	-1620K	$6.30	$4.72
9 x 125	6	-2410K	$6.64	$4.98
9 x 150	6	-2460K	$6.93	$5.20
12 x 150	9	-3220K	$6.93	$5.20
12 x 200	9	-3240K	$7.27	$5.45
12 x 255	9	-3260K	$7.59	$5.69
12 x 305	9	-3280K	$8.21	$6.16
16 x 150	12	-4020K	$8.21	$6.16
16 x 200	12	-4040K	$8.86	$6.64
18 x 200	16	-4840K	$11.71	$8.78
18 x 230	16	-4850K	$12.66	$9.49
18 x 255	16	-4860K	$12.66	$9.49
18 x 305	16	-4870K	$13.63	$10.22
18 x 455	16	-4890K	$17.76	$13.32
25 x 200	22	-6440K	$14.47	$10.85
25 x 230	22	-6450K	$15.82	$11.87
25 x 255	22	-6460K	$16.71	$12.53
25 x 305	22	-6470K	$18.04	$13.53
25 x 355	22	-6480K	$21.52	$16.14
25 x 455	22	-6490K	$23.51	$17.63

3 Piece Flat Chisel Sets

Contents (mm)	Order Code KEN-505	Offer Price/1
6 x 150, 12 x 200, 18 x 255	-7150K	$17.67
12 x 150, 18 x 200, 25 x 255	-7160K	$25.22

Brick Bolster - Chrome Vanadium
Used for splitting bricks.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
75 x 240	22	-7030K	$26.33	$19.75
100 x 240	22	-7040K	$29.17	$21.88

Flooring - Chrome Vanadium
Used for prising floorboards and cutting board tongues prior to lifting.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
56 x 230	16	-7120K	$17.44	$13.08

Cold Chisels - Chrome Vanadium

Industrial

Half Round - Chrome Vanadium
For channelling concrete floors.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
6 x 150	12	-6620K	$10.59	$7.94
18 x 200	18	-6640K	$18.02	$13.52

Cross Cut - Chrome Vanadium
Used for channelling brickwork.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
6 x 150	12	-6720K	$12.03	$9.02
9 x 200	18	-6740K	$15.54	$11.65

Diamond Point - Chrome Vanadium
Used for channelling brickwork.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
8 x 200	18	-6840K	$18.02	$13.52

Pitching - Chrome Vanadium
For removing excess stone and facing, bevelled on one side.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
50 x 212	18	-6920K	$29.35	$22.01
62 x 212	22	-6930K	$41.69	$31.27

Plugging - Chrome Vanadium
For removing cement mortar from between bricks.

Width x Length	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
5 x 255	16	-7100K	$19.02	$14.27

SITESAFE Contractor Cold Chisels

Manufactured from high quality chrome vanadium steel with a ground cutting edge, in accordance with **BS 3066**.

Flat for cutting cold metals and brickwork.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
12 x 200	9	-1060K	$4.08	$3.06
18 x 200	16	-1100K	$6.56	$4.92
18 x 255	16	-1120K	$7.08	$5.31
25 x 200	22	-1160K	$10.62	$7.96
25 x 255	22	-1180K	$13.41	$10.06
25 x 305	22	-1200K	$13.78	$10.34

Flat With Pre-fitted Safety Guard.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
12 x 200	9	-1070K	$7.06	$5.29
18 x 200	16	-1110K	$10.96	$8.22
18 x 255	16	-1130K	$11.88	$8.91
25 x 200	16	-1170K	$13.55	$10.16
25 x 255	22	-1190K	$15.65	$11.74
25 x 305	22	-1210K	$16.89	$12.67

Cross Cut - Chrome Vanadium
Used for channelling brickwork.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
6 x 150	12	-1260K	$6.73	$5.05

Brick Bolster - Chrome Vanadium
Used for splitting bricks.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
75 x 230	22	-1300K	$19.54	$14.65
100 x 255	22	-1320K	$22.41	$16.81

Brick Bolster With Pre-fitted Safety Guard.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
75 x 230	22	-1310K	$24.66	$18.50
100 x 255	22	-1330K	$27.33	$20.50

Flooring - Chrome Vanadium
Used for prising floorboards and cutting board tongues prior to lifting.

Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
55 x 230	16	-1360K	$15.80	$11.85

Flooring With Pre-fitted Safety Guard.

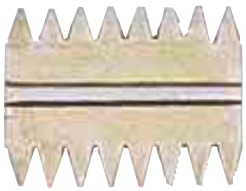
Width x Length	Octagon (mm)	Order Code SSF-505	List Price/1	Offer Price/1
55 x 230	16	-1370K	$16.32	$12.24

KENNEDY QUALITY INDUSTRIAL TOOLING Scutch Holder - Carbon Steel

Used for chasing out and general masonry work.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
25 x 200	18	-6860K	$26.67	$20.00
38 x 200	18	-6870K	$29.63	$22.22

Detachable Bit
For scutch chisels and hammers.



Comb Type	Width (mm)	Order Code KEN-505	List Price/100	Offer Price/100
Wide/Coarse	25	-9130K	$91.00	$68.25
	38	-9140K	$130.38	$97.78
Plain/Drove	25	-9230K	$86.83	$65.12
	38	-9240K	$116.81	$87.61

Protector Sleeve

Contoured high impact resistant plastic grips redirects the force of miss-hits safely away from your hands preventing injury. Suitable for use with hexagonal cold chisels.

To Suit Octagon Size	Length (mm)	Order Code KEN-505	List Price/1	Offer Price/1
13mm	120	-9040K	$10.01	$7.51
16mm	120	-9050K	$10.01	$7.51
19mm	120	-9060K	$10.01	$7.51
22mm	120	-9070K	$10.01	$7.51

BAHCO Nail Puller

Used for pulling nails which are either protruding or buried. Hammer action sleeve drives jaws into wood around nail. The pivoting jaw ensures a tighter grip the harder the pull.

Model Number	Length (mm)	Weight each	Order Code BAH-565	List Price/1	Offer Price/1
B-38	110	2.20kg	-1001Z	$254.70	$203.76

KENNEDY QUALITY INDUSTRIAL TOOLING Wrecking & Pry Bars

Industrial

Manufactured from heat treated carbon steel. Ideal for dismantling timber constructions, opening packing cases and removing nails (depending on the type of bar).

Chisel and V-Notch Wrecking Bar
For general dismantling and stripping applications, within a wide range of industries.

Length	Order Code KEN-505	List Price/1	Offer Price/1
450mm	-7180K	$30.73	$23.05
600mm	-7240K	$34.26	$25.70
750mm	-7300K	$38.37	$28.78

Chisel and Point Crowbar
For heavy duty work.

Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
900 x 25mm	-7360K	$38.52	$28.89
1200 x 28mm	-7480K	$56.54	$42.41
1500 x 32mm	-7600K	$81.97	$61.48

Heel and Point Crowbar
For heavy duty dismantling.

Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
900 x 25mm	-7690K	$42.37	$31.78
1200 x 25mm	-7720K	$59.47	$44.60
1500 x 32mm	-7750K	$90.45	$67.84

Super Lever Pry Bars
Multi purpose. Can be used as a nail lifter, pry bar, adze or lever.

Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
325 x 33mm	-8200K	$13.29	$9.97
375 x 33mm	-8250K	$35.62	$26.71

Combination Sets
Containing one wrecking bar and one pry bar.

No. of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
2	450mm Wrecking Bar, 325mm Pry Bar	-8750K	$39.57	$29.68
2	600mm Wrecking Bar 375mm Pry Bar	-8760K	$42.81	$32.11

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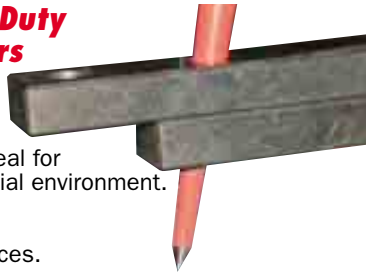
KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Pry Bars



Manufactured from forged carbon heat treated steel with ground points.
These traditional designs are ideal for use by tradesman in any industrial environment.

Rolling Head
Suitable for use in confined spaces.

Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
150 x 10mm	-8400K	$9.26	$6.95
300 x 13mm	-8420K	$16.84	$12.63
450 x 16mm	-8440K	$32.88	$24.66

Line Type
Angled blade provides greater leverage.

Length x Section	Order Code KEN-505	List Price/1	Offer Price/1
400 x 16mm	-8520K	$24.85	$18.64
600 x 20mm	-8560K	$35.62	$26.71

Rolling Head Set

3 PIECES

No. of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
3	150mm Rolling head 300mm Rolling head 450mm Rolling head	-8780K	$46.98	$35.23

Line Type Set

2 PIECES

No. of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
2	400mm Line Type 600mm Line Type	-8770K	$54.38	$40.78

YAMOTO Chisel & Punch Set

14 PIECES

Chrome Vanadium Steel

Contents:

Pin Punches: 3/16" x 6", 3/32" x 4 1/4", 1/8" x 4 3/4", 3/16" x 5 1/4" and 1/4" x 5 3/4".
Centre Punches: 5/32" x 5".
Chisels: 1/2" x 6", 5/8" x 6 1/2", 3/4" x 7 1/2" and 7/8" x 8".
Taper Punches: 3/16" x 10", 7/32" x 10", 5/16" x 10" and 3/8" x 10".

No. of Pieces	Contents	Order Code YMT-505	List Price/1	Offer Price/1
14	Chisels & Punches	-9010K	$112.52	$84.39

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Handled Pry Bars

Industrial

Made from square section chrome vanadium with ground points. Impact resistant plastic handles offer a more comfortable and secure grip to make these pry bars user friendly. Handles are oil and acid resistant.
Suitable for a wide range of general duty applications within the packing, automotive, maintenance and assembly industries.

Straight Blade
For general duty usage.

Blade Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
300 x 10mm	-8300K	$35.99	$26.99
450 x 13mm	-8320K	$55.16	$41.37

Curved Blade
The curved blade provides greater leverage.

Blade Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
300 x 10mm	-8340K	$34.29	$25.72
450 x 13mm	-8360K	$55.16	$41.37
600 x 13mm	-8380K	$66.23	$49.67

Sets

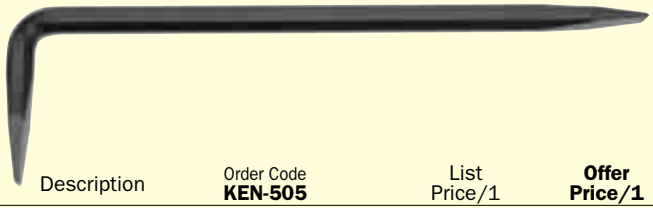
No. of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
3	300mm Straight 300mm Curved 450mm Curved	-8330K	$112.46	$84.34
2	450mm Curved 600mm Curved	-8390K	$109.22	$81.92

Spot Weld Chisel & Bar

The Right Angled Seam Chisel And L Bar has been specially designed by Kennedy Tools for the separation of hard to reach spot welds and bonded panels as well as coping with the many traditional uses for pry & wrecking bars.

Features & Benefits
- Easily separates hard-to-reach spot welded or bonded panels
- Sharpened on three edges, the sharp end allows for penetration between the panels and both side edges allow for side impact to drive the panels apart without damage
- 90° end for use in hard-to-reach pinchweld areas
- Made from a super tough alloy steel
- Will save the technician up to 15 minutes per panel replacement

The Right Angled Rascal Bar with three sharpened edges is designed to allow two-directional hammer use on quarter panels, rockers and any other pinchweld. The sharp end allows for penetration between the panels and the two lower edges allows for side impact to drive the panels apart. The chisel tip can be used for starting seam separation.



Description	Order Code KEN-505	List Price/1	Offer Price/1
Chisel & Bar	-1200K	$14.20	$10.65

KENNEDY PROFESSIONAL Professional Box Section Level

610mm/24" extruded aluminium body, powder coated finish, three high visibility vials, horizontal, vertical and 45°.
Two rubberised handle grips, two milled working faces.

Accuracy 0.5mm/metre.

Overall Length (mm)	Weight (each)	Order Code KEN-510	List Price/1	Offer Price/1
610 (24")	650g	-3240K	$46.98	$36.64

Professional quality with three factory set vials, one horizontal and two plumb, aluminium body with one milled working face. Powder coat finish with plastic protective end caps and single hanging hole.

Accuracy:
0.75mm/metre.

Overall Length (mm)	Weight (each)	Order Code KEN-510	List Price/1	Offer Price/1
600 (24")	400g	-0240K	$26.70	$20.83
900 (36")	570g	-0360K	$29.69	$23.16
1000 (40")	645g	-0400K	$37.09	$28.93
1200 (48")	730g	-0480K	$49.00	$38.22
1800 (72")	1000g	-0720K	$74.20	$57.88

STABILA Laser and Spirit Levels — Box Section Spirit Level

Box-section lightweight extra strong frame with 'soft-ribs' for strength and finger grip.

Accuracy:
Horizontal 0.029° (0.5mm/metre);
Vertical 0.048° (0.75mm/metre).

80A
Features one vertical and one horizontal vial.

Product Number	Overall Length (mm)	Order Code STB-510	List Price/1	Offer Price/1
80A	400 (16")	-1705B	$40.71	$34.60
	600 (24")	-1710C	$48.44	$41.17
	1000 (40")	-1720E	$59.29	$50.40
	1200 (48")	-1725F	$64.92	$55.18

80A-2
Features two vertical and one horizontal vials accurate to 0.5mm per metre. Vials guaranteed to remain accurate for 10 years. Electrostatic powder coated abrasive resistant frame.

Product Number	Overall Length (mm)	Order Code STB-510	List Price/1	Offer Price/1
80A-2	800 (32")	-1760M	$68.65	$58.35
	1000 (40")	-1765N	$74.14	$63.02
	1200 (48")	-1770P	$79.78	$67.81

STANLEY FatMax XL — Heavy Duty Spirit Levels

6mm taller than most competitors. 6 - 9mm wider than other levels in its class. Heaviest in its class giving ultimate strength. Shock absorbing end caps for long life. Machine milled on two sides - accurate both sides. Dual bi-material hand grips, ideal for carrying and vertical levelling. Improved vial view for ease of use. Large vial with bridged 'dual view' centre vial. Lifetime guarantee for accuracy.

43-548B
Supplied complete with carry bag.

43-536

Product Number	Overall Length (mm)	Order Code STN-585	List Price/1	Offer Price/1
43-548B	1200	-4051N	$85.16	$63.87

Product Number	Overall Length (mm)	Order Code STN-585	List Price/1	Offer Price/1
43-536	900	-4051A	$73.66	$55.24

XL Magnified Spirit Levels

43-624
Vials magnified by 20% for improved all round visibility. Dual machined levelling surfaces for maximum accuracy. Bi-material hand grips are screwed into the frame. Rock solid box beam construction is up to 5 times stronger than other Stanley levels.Solid acrylic block vials provide best in class accuracy in eight orientations of /-0.5mm/m.

43-625
This level has a magnetic feature using rare earth magnets, which are twice as strong as basic strip magnets, are built into the level for stability.

43-624

43-625

Product Number	Overall Length (mm)	Order Code STN-585	List Price/1	Offer Price/1
43624	600	-5194V	$76.04	$57.03
43625	600	-5194W	$98.41	$73.81

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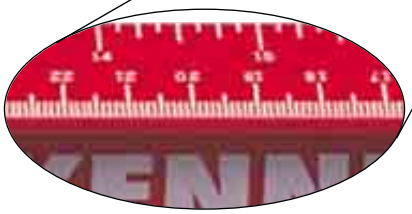
KENNEDY QUALITY INDUSTRIAL TOOLING Girder Section Level

Professional quality with three factory set vials, horizontal and two plumb, aluminium body with powder coat finish.
Accuracy: 0.75mm/metre. Top face marked with metric and imperial graduations.



Overall Length (mm)	Number of Vials	Weight each)	Order Code **KEN-510**	List Price/1	**Offer Price/1**
300 (12”)	2	235g	**-1120K**	$27.73	**$21.63**
400 (16”)	3	295g	**-1160K**	$38.84	**$30.30**
600 (24”)	3	440g	**-1240K**	$47.13	**$36.76**
900 (36”)	3	600g	**-1360K**	$57.25	**$44.66**
1000 (40”)	3	710g	**-1400K**	$65.57	**$51.14**
1200 (48”)	3	850g	**-1480K**	$73.42	**$57.27**

SENATOR QUALITY TOOLING Girder Section Level

Manufactured from impact resistant ABS plastic. Three vials horizontal, vertical and 45°.

Metric and Imperial graduated face.
Accuracy: 1mm/1000mm.

Overall Length (mm)	Number of Vials	Weight each	Order Code **SEN-510**	List Price/1	**Offer Price/1**
610 (24”)	3	290g	**-2240K**	$15.25	**$11.89**

STABILA Laser and Spirit Levels 24” Ribbed Box Section Level

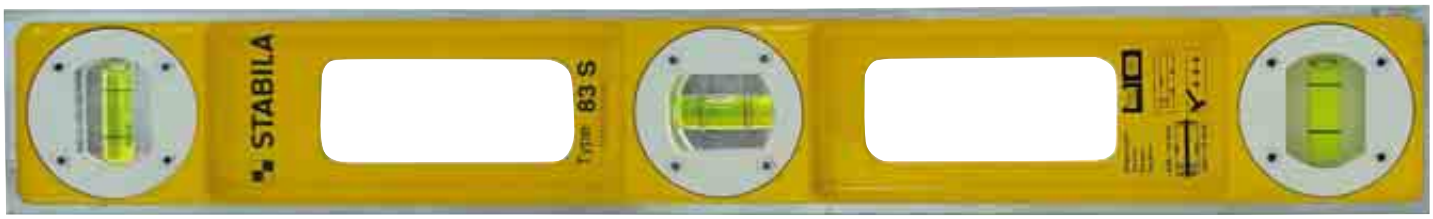
96-2
Highly accurate at 0.029° (0.5mm per 1m) in normal measuring and 0.043° (0.75mm per 1m) in vial down position. 1 level and 2 plumbs. Ribbed box section, strong powder coated, unbreakable acrylic glass vials. Anti-slip pads on end caps.
800 and 1200 lengths are also available on request.

Accuracy:
Horizontal 0.029° (0.5mm/metre).
Vertical 0.043° (0.75mm/metre).

Overall Length (mm)	Number of Vials	Weight each	Order Code **STB-510**	List Price/1	**Offer Price/1**
600 (24”)	3	0.65kg	**-3124M**	$93.11	**$79.14**

Girder Section Level

83S
With three vials. Milled working faces and die cast body. Electrostatic powder coated. Horizontal vial visible from four sides, vertical vials visible from three sides.



Accuracy:
Horizontal 0.029° (0.5mm/metre).
Vertical 0.043° (0.75mm/metre).

Overall Length (mm)	Number of Vials	Weight each	Order Code **STB-510**	List Price/1	**Offer Price/1**
600 (24”)	3	1.70kg	**-2624J**	$161.14	**$136.97**
800 (32”)	3	2.30kg	**-2632K**	$179.44	**$152.52**
1000 (40”)	3	2.80kg	**-2640L**	$215.27	**$182.98**

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KENNEDY QUALITY INDUSTRIAL TOOLING Line Level

Industrial

This durable line level is made hard wearing plastic. Fitted with reversed line hooks for a positive hold and a pocket clip.

Overall Length	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
75mm (3”)	45g	-2400K	$5.73	$4.47

STANLEY Line Level

Aluminium body which can be suspended from a guide line (e.g for bricklaying) or used flat on its base.

For Hard Hats

See Group 957

Model Number	Length (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-42-287	80 (3¼”)	50g	-4937F	$11.92	$8.94

Magnetic Post Levels

Made from hard wearing plastic this specialist level designed to ensure both square and round posts are upright prior to permanent fixing. The right angle plate has two horizontal vials and one vertical vial with flush magnets for metal posts and an integrated elastic fixing strap for other materials.

Accuracy: 1.0mm/m

Small: 75mm x 125mm (3” x 5”)
Large: 85mm x 140mm (3⅜” x 5½”)

Type	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
Small	87g	-2800K	$11.48	$8.95
Large	87g	-2820K	$12.92	$10.08

STANLEY FatMax XL Magnetic Torpedo Level

Solid block vials provide best-in-class accuracy 0.5mm/m. Magnified centre vial for improved all round visibility. V-shaped metal grove for use on pipes. Rare earth magnets which are twice as strong as basic strip.

Model Number	Length (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
43-609	300 (12”)		-5191M	$49.59	$37.19

Round/Bullseye Level

Made from tough hard wearing plastic. Can be free standing, or fixed onto a surface. The all purpose Bullseye circular level will show level of any surface in all directions at once.

Size: 50mm (2”) base diameter, 32mm (1¼”) level diameter, 16mm (⅝”) high.

Diameter	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
32mm	30g	-2100K	$5.73	$4.47

SENATOR QUALITY TOOLING Boat Level

Maintenance

With magnetic base. Manufactured from impact resistant ABS plastic. Three vials horizontal, vertical and 45°.

Accuracy: 1mm/1000mm.

Length (mm)	Weight each	Order Code SEN-510	List Price/1	Offer Price/1
230 (9”)	140g	-2090K	$7.37	$5.75

Spirit Levels

Construction Boat Level

Die-cast aluminium frame with a milled measuring face for accuracy. 1 vertical, 1 horizontal vial for normal and upside down measuring. A very popular level with scaffolders. Includes leather belt pouch.

Accuracy:
1.0mm/m, overall

Length	Type	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
250mm (10”)	Standard	185g	-0100K	$39.78	$31.03
250mm (10”)	Magnetic	185g	-0160K	$44.22	$34.49

STABILA Laser and Spirit Levels Boat Level

Shockproof, with two vials. Milled working face. Die cast body, electrostatic powder coated. Supplied with leather holster.

Accuracy:
Horizontal 0.029° (0.5mm/metre).
Vertical 0.043° (0.75mm/metre).
**Supplied with magnetic base.

Model Number	Length (mm)	Weight each	Order Code STB-510	List Price/1	Offer Price/1
81S	250 (10”)	200g	-2210A	$58.87	$50.04
81SM	**250 (10”)	215g	-2410G	$66.44	$56.47

KENNEDY QUALITY INDUSTRIAL TOOLING Boat Level

Industrial

Professional - with two factory set horizontal and angled vials which are shockproof to a tolerance of 1mm per metre. Die cast zinc body with enamelled finish. V-groove on base, ideal for pipes.

Length (mm)	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
230 (9”)	140g	-0090K	$22.26	$17.36

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STABILA Laser and Spirit Levels — Laser System

LU-UP
Suitable for both horizontal and vertical control as well as vertical levelling. Supplied in a sturdy plastic case, which can also be used as a stand. Can be aligned horizontally on uneven surfaces using the impact resistant adjustable screws.
Comes complete with prism featuring magnetic mounting.

Battery operating life: approx. 16 hours.

Accuracy: ±0.5mm/m, ±0.06”/ft.

Product Number	Dimensions H x W x L	Order Code **STB-510**	List Price/1	**Offer Price/1**
LU-UP	60 x 95 x 85mm	**-3580T**	$440.70	**$374.60**

Standard Laser Level

70L Set
Complete with a 70L 250mm/10” laser level, swivel base, deflection prism and target plate.

Battery operating life: approx. 16 hours - 2 x AAA.

Accuracy: horizontal ±0.5mm/m, ±0.06”/ft.

Product Number	Length	Order Code **STB-510**	List Price/1	**Offer Price/1**
70L	250mm (10”)	**-0970L**	$337.87	**$287.19**

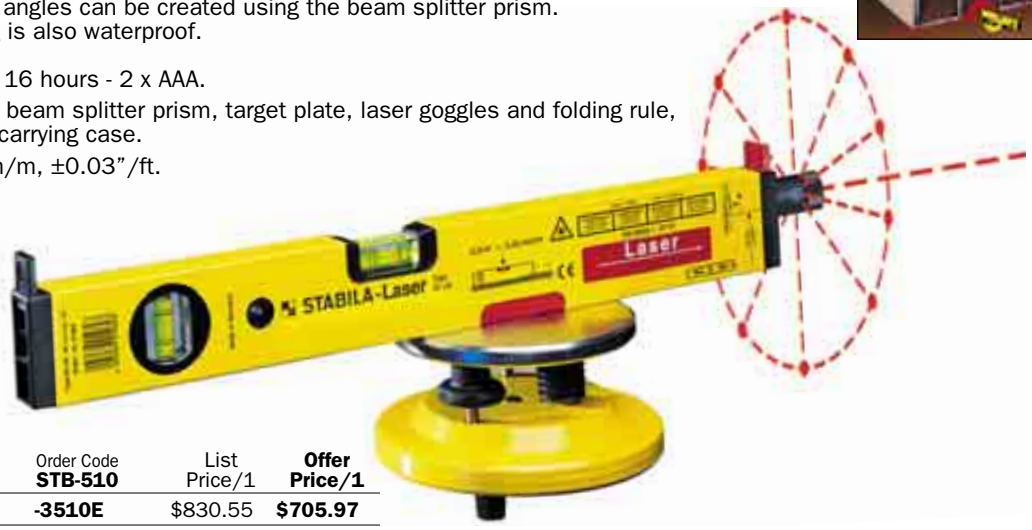
Complete Units for Professional Use

80 LMX-S Kit
Complete with a 400mm/16” laser level with spot function and maximum light intensity. Fitted with vertical and horizontal vials. Horizontal are five times more sensitive than normal spirit levels for maximum precision, also fitted with a patented sight system for a range of up to 40m/130ft. The level is fitted to the solid metal base plate and can be attached to a tripod
using its 5/8” connection. Right angles can be created using the beam splitter prism.
The sturdy metal laser housing is also waterproof.

Battery operating life: approx. 16 hours - 2 x AAA.

Set includes: solid base plate, beam splitter prism, target plate, laser goggles and folding rule, all supplied in a sturdy plastic carrying case.

Accuracy: horizontal ±0.25mm/m, ±0.03”/ft.



Product Number	Length	Order Code **STB-510**	List Price/1	**Offer Price/1**
80 LMX-S Kit	400mm (16”)	**-3510E**	$830.55	**$705.97**

Laser Goggles

For use with all laser levels. **LB**

Description	Order Code **STB-510**	List Price/1	**Offer Price/1**
Laser Goggles	**-5100D**	$64.41	**$54.75**

STANLEY FatMax XL Self Levelling Rotating Laser

Fast, smooth & accurate electronic self levelling - ensures unit is level within +/- 5° of tilt. Anti-Drift system limits errors caused by changes in elevation through temperature
or tripod movement. The laser beam stops rotating to alert user if the unit becomes
out-of-level during use.

Laser class: 2m.
Maximum interior distance: 90m.
Maximum exterior distance: 600m.
Battery operating life: NiMH power tool batteries

77-227 - Self levelling in both vertical and horizontal mode. Horizontal, plumb and square operation. Plumb point for 90° square. Multiple scanning mode with -10°, -45°, -90° and 180° sweep. Variable speed rotation for maximum visibility. Can be operated remotely up to 45m. Head can be rotated for faster alignment of points.

Horizontal accuracy:
± 1.5mm @ 30m. (± 1/16" @ 100ft).
Vertical accuracy: ± 3mm @ 30m (± 1/8" @ 100ft).

77-229 - Super rapid levelling in horizontal mode. The rotating head can be set to any grade - allowing the user to peg out inclines and slopes. Quick adjustment with 'Up' or 'Down' button to rotate at desired slope or grade. 600rpm rotation speed for optimum use with detector.
Power remaining indicator. Die cast roll bar, rugged handle and rubber mouldings.

Kit includes: level, receiver and rod holder, battery charger, manuals and tough site carrying case.

Horizontal accuracy: ±1.5mm @ 30m (±1/16" @ 100ft).

Product Number	Dimensions H x W x L	Order Code **STN-585**	List Price/1	**Offer Price/1**
77-227	mm	**-7722H**	$2848.50	**$2136.38**
77-229	mm	**-7722K**	$2321.00	**$1740.75**

BOSCH DIY Cross Level Laser & Level Laser Plus Tripod

PCL1 & PCL1+TRIPOD
Horizontal and vertical laser lines is fast, exact and precise with it's automatic self-levelling in seconds. The high-quality, bright laser diodes gives particularly clearly visible laser lines for up to 10 metres. Ideal for accurate working on walls, lay tiles precisely, hang up pictures accurately to the millimetre etc. The Bosch cross level laser can switch between horizontal and vertical laser lines at the push of a button and has an integrated ¼" thread that fits all conventional tripods. Includes softgrip for a more comfortable hold, protective case and 4 AA batteries.

PCL1+TRIPOD also includes a 1.10 metre tripod.

Working range: approx. 10m.
Laser diode: 635nm.
Laser class: 2m.
Self-levelling time: Type. 4s.
Levelling range: <= 5°.
Accuracy: ± 0,5 mm/m.
Tripod thread: 1/4".

Product Number	Weight each	Order Code **BCH-267**	List Price/1	**Offer Price/1**
PDR1	0.50kg	**-7955F**	$129.00	**$122.55**
PDR1+TRIPOD		**-7955G**	$149.00	**$141.55**

Laser Spirit Level Pen

PLL5
This is a practical and pocket-size spirit level with convenient laser for horizontal, vertical or diagonal laser lines. With a high-quality, bright laser diode this handy modern designed pen has particularly clear visible laser with a range of up to five metres. Ideal for easy alignment of objects, Exact positioning of the laser due to fine adjustment on the wall holder and as a simple spirit level. Included wall holder, two fixing pins and 2 AAA batteries to get you started straight away.

Working range: approx. 5m
Laser diode: 635nm.
Laser class: 2.
Accuracy: ± 1.0 mm/m.

Product Number	Weight each	Order Code **BCH-267**	List Price/1	**Offer Price/1**
PLL5	0.12kg	**-7957H**	$69.00	**$65.55**

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KENNEDY PROFESSIONAL Professional Brick Trowel

Professional

Manufactured from high carbon tempered and hardened steel with a ground and polished finish, tapered to remain rigid to the tip. Polished and varnished high angle handles for greater balance, control and knuckle clearance, with chromed ferrule. Holds the tang in place preventing the blade from twisting. London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
280mm (11”)	140	-0060K	$47.96	$35.97

Gauging Trowel

London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
180mm (7”)	90	-0040K	$25.21	$18.91

Brick Trowel - Steel Capped

Narrow heel. Capped end handle with through tang prevents the wooden handle from splitting when levelling bricks.

London pattern smooth wooden handle with integral tang.

Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
305mm (13”)	140	-0380K	$80.95	$60.71

SITESAFE Builder’s Flexible Bucket

Extremely versatile and virtually indestructible. it can be used for mixing plaster or cement, moving rubble and various other jobs around a building site.
460mm diameter.

Extended Range

Litre	Weight each	Order Code SSF-512	List Price/1	Offer Price/1
26L	200g	-2980K	$14.60	$10.95
40L		-3000K	$22.41	$16.81
75L		-3040K	$42.00	$31.50

SENATOR QUALITY TOOLING Builder’s Trowels

Maintenance

Ground polished, hardened and tempered high carbon steel alloy blades, tapered to remain rigid right to the tip with high angle handles for improved knuckle clearance and control. Chromed ferrules hold the forged tang firmly.

Broad Heel Brick Trowel
11” heel width. London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Type	Order Code SEN-512	List Price/1	Offer Price/1
280mm (11”)	London	-0060K	$27.39	$20.54

Gauging Trowel
London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width (mm)	Order Code SEN-512	List Price/1	Offer Price/1
180mm (7”)	90	-0040K	$14.39	$10.79

KENNEDY PROFESSIONAL Professional Pointing Trowel

Professional

London pattern, a smooth rounded end wooden handle with integral tang. Made from high carbon tempered and hardened steel with a ground and polished finish. Tapered to remain rigid to the tip. Polished and varnished high angle handles for greater balance, control and knuckle clearance, with chromed ferrule.
Holds the forged steel tang in place preventing the blade from twisting.

Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
150mm (6")	75	-0020K	$18.88	$14.16

SENATOR QUALITY TOOLING Pointing Trowel

Maintenance

Ground polished, hardened and tempered high carbon steel alloy blade, tapered to remain rigid right to the tip with high angle handle for improved knuckle clearance and control. Chromedferrule holds the forged tang firmly. London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width (mm)	Order Code SEN-512	List Price/1	Offer Price/1
150mm (6")	75	-0020K	$10.80	$8.10

Line Pins

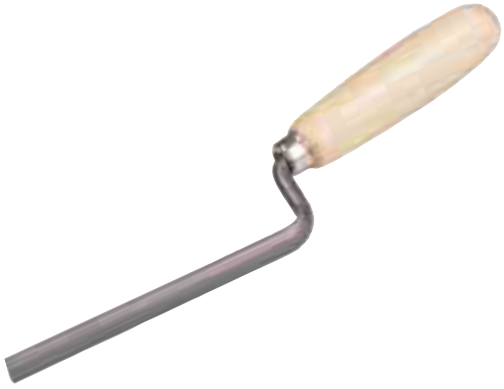
Construction quality, hand, chrome plated line pins. Supplied in pairs. Use with Kennedy brick line to create a horizontal line for consistent bricklaying without the need for repetitive levelling.

Overall Length	Width (mm)	Order Code KEN-512	List Price/Pr	Offer Price/Pr
150mm (6")	140g	-2160K	$15.56	$11.67

Brick Jointer

Industrial

Suitable for half round finishing of the joints between bricks. London pattern smooth wooden handle with integral tang.



Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
150 x 12	1.50kg	-0420K	$17.76	$13.32

KENNEDY QUALITY INDUSTRIAL TOOLING Plumb Bobs

Corrosive resistant epoxy coated with brass screwcap. For establishing vertical datum line without the use of a level.

Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
5oz	-2050K	$11.19	$8.39
10oz	-2100K	$14.39	$10.79

Brick Line

Industrial

10 pack

Construction quality, use with line pins and plumb bobs.

Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
18m (60'')	740g	-2180K	$5.21	$3.91

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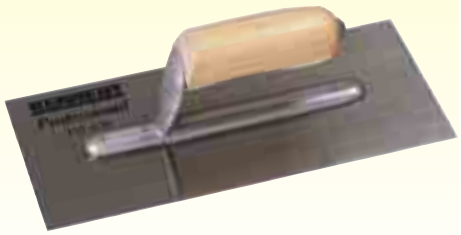
KENNEDY PROFESSIONAL Wooden Skimming Float

Manufactured from selected timber. Ideal for producing a sandy surface finish when rendering plaster or concrete.
Manufactured to the high standards expected by today's trade.
Size: 290 x 100mm (11 ½'' x 4'')

Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
190g	-0950K	£26.62	£19.96

Plasterer's Trowel

Aluminium shank single tang banana pattern. Six rivet construction 'cross ground' to prevent drag. For laying on and finishing plaster. Manufactured to the high standards expected by today's trade.
Size: 280 x 100mm (11'' x 4'')



Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
4.00kg	-0100K	$33.32	$24.99

SENATOR QUALITY TOOLING Plasterer's Trowel

Economy
Single tang, banana shaped handle with six concealed welded rivets to securely fix 'cross ground', hardened and tempered blade.
Size: 280 x 100mm (11'' x 4'')

Weight per 10	Order Code SEN-512	List Price/1	Offer Price/1
4.60kg	-0100K	$19.04	$14.28

KENNEDY QUALITY INDUSTRIAL TOOLING Adhesive Trowel

High quality moulded and contoured handle. Large base with two coarse pitched edges and two fine pitched edges. Suitable for use with all tile and carpet adhesives.
Size: 270 x 110mm

Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
190g	-0400K	$13.23	$9.92

Plasterer's Hawk

Lightweight scoured aluminium blade to prevent plaster 'slip-off'. Detachable wooden handle with cushioned comfort ring.
Designed to reduce discomfort during periods of extended use. Manufactured to the high standards expected by today's trade.

Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
7.00kg	-0920K	$51.76	$38.82

Plasterer's Hawk

With single screw fixing, zinc plated for corrosion protection. Heavy gauge sheet aluminium platform, highly polished, mirror finish.
Suitable for D.I.Y. use.
Size: 365mm² (10 ½'' x 10 ½'')

Weight per 10	Order Code SEN-512	List Price/1	Offer Price/1
6.20kg	-0920K	$29.58	$22.18

KENNEDY QUALITY INDUSTRIAL TOOLING Paint and Plaster Mixer

Used for mixing plaster, concrete, filler, epoxyresin, emulsion paintand wallpaper paste. The stirring end should be fully immersed before use.

For Flexi Buckets
See Group 512

Light Duty Shaft
8mm hexagon.
Overall length 400mm.

Heavy Duty Shaft
12mm hexagon.
Overall length 600mm.

Shaft	Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
Light Duty	680g	-2780K	$17.86	$13.39
Heavy Duty	860g	-2800K	$27.80	$20.85

Feather Edges

Manufactured from anodised aluminium. One tapered edge, one straight edge. Lightweight and corrosion-proof.

Length	Width	Weight each	Order Code KEN-512	List Price/1	Offer Price/1
1.0m (39")	95mm	1.20kg	-1000K	$77.39	$58.04

Plasterer's Darbys

For smoothing large areas of plaster removing high spots and identifying low spots. Manufactured from lightweight anodised aluminium with twin handles and mill finish. For the final surface finishing of plaster.

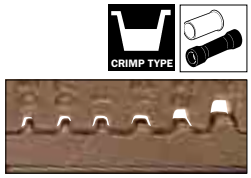
Length	Width (mm)	Weight each	Order Code KEN-512	List Price/1	Offer Price/1
1.2m (4')	120 (4¾")	1.75kg	-0800K	$96.90	$72.67
1.8m (6')	120 (4¾")	2.90kg	-0840K	$134.62	$100.97

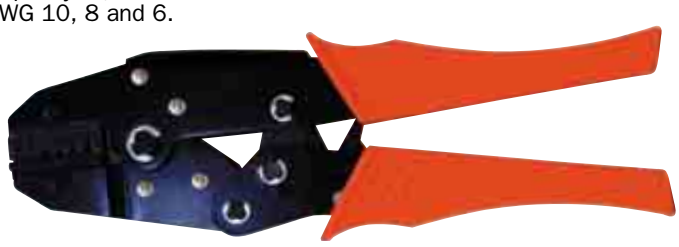
KENNEDY QUALITY INDUSTRIAL TOOLING Ferrule Crimp Tool

Ferrule crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.

Model TCF 004
Capacity: 0.5, 0.75, 1.0, 1.5, 2.5, and 4mm².
AWG 20, 18, 17, 16, 13 and 11.

Model TCF 016
Capacity: 6, 10 and 16mm².
AWG 10, 8 and 6.





Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCF004	-5200K	$102.46	$76.84
TCF016	-5210K	$109.44	$82.08
Replacement Jaws (TCF004)	-6200K	$47.02	$35.27
Replacement Jaws (TCF016)	-6300K	$47.02	$35.27

Insulated Terminal Crimp Tool

Model TCI 006
Insulated terminal crimp tool, with full cycle ratcheting crimp frame and colour coded jaws, with adjustable and preset crimp pressure for accurate crimping. Carbon steel, hardened and tempered jaws with a chemically blacked finish and PVC handles.
Capacity:
Red: 0.5 - 1.5mm², AWG 20 - 16.
Blue: 2.5mm², AWG 14.
Yellow: 4.0 - 6.0mm², AWG 12 - 10.

Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCI006	-5220K	$97.57	$73.18
Replacement Jaws	-6220K	$47.02	$35.27

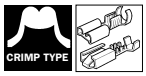
Coaxial Crimp Tool

Model TCC 008
Coaxial crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.
Suitable for RG cable:
6, 58, 59 and 62.
Hexagonal crimp of 1.72, 2.5, 5.4, 6.48 and 8.22mm.

Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCC008	-5340K	$102.46	$76.84
Replacement Jaws	-6340K	$47.02	$35.27

Uninsulated Terminal Crimp Tool

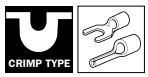
Model TCU 006
Uninsulated terminal crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.
Tab width: 6.3mm.
Capacity: 0.5 - 1.0, 1.0 - 2.5 and 4.0 - 6.0mm².



Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCI006	-5400K	$136.87	$102.65
Replacement Jaws	-6400K	$51.05	$38.29

Uninsulated Terminal Crimp Tool

Model TCU 016
Uninsulated terminal crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.
Capacity:
DIN 1 - 2, 6, 10 and 16mm².
AWG 14, 10, 8 and 6.



Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCU016	-5420K	$150.58	$112.94
Replacement Jaws	-6420K	$71.04	$53.28

Modular Plug Crimp Tool

Model MCT 008
Modular plug crimping tool complete with wire cutting and stripping facilities.
Manufactured from hardened and tempered carbon steel with chemically blacked finished and tempered jaws with PVC handles.
Capacity:
8P8C/RJ-45, 6P/RJ-12, RJ-11 and 6P2C.

Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TMCT008	-5460K	$86.33	$64.75

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KENNEDY QUALITY INDUSTRIAL TOOLING Crimp Tool Kit

Model TCK 005
Crimp tool kit with full cycle ratcheting crimp and adjustable crimp pressure frame. Five pairs of interchangeable hardened and tempered carbon steel jaws with a chemically blacked finish for terminals, connectors, ferrules and end sleeves.
Supplied in a robust plastic carry case.

Product Number	Order Code KEN-515	List Price/1	Offer Price/1
TCK 005	-5500K	$205.40	$154.05

Replacement Jaws
To suit Kennedy ratcheting frame crimping tools.

Crimp Type	Order Code KEN-515	List Price/1	Offer Price/1
Uninsulated Terminals 1.5mm² - 10.0mm²	-6500K	$38.81	$29.11

Heavy Duty Crimp Tool

Model TCU 095
Heavy duty crimp tool for uninsulated terminals. Tool steel jaws and manufactured from ductile iron.
Capacity: cable lugs: 10mm² - 95mm². Aluminium AWG to 4/0. Copper 8WG to 250 MCM.

Model Number	Order Code KEN-515	List Price/1	Offer Price/1
TCU095	-5440K	$353.53	$265.15
Replacement Jaws	-6440K	$117.01	$87.76

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Purpose Crimping Plier Kit

Made from heavy gauge carbon steel heat treated to HRa 65/70. Chemically blackened with cushion grip handles for operator comfort. Kit comes complete with 100 assorted insulated and non-insulated terminals in a neat plastic see through box.
Strip range: 0.75 - 6.
Crimp/cut capacity: 1.5 - 16mm.

Description	Order Code KEN-515	List Price/1	Offer Price/1
Plier only	-5050K	$16.16	$12.12
100 Pce Kit	-5090K	$33.95	$25.46

Standard Industrial Terminals

Durable low cost copper or brass connectors. Manufactured as single piece connectors. Electro tinned to protect from corrosion. Insulated with flared entry, colour coded vinyl sleeves.
All disconnect terminals supplied with anti-vibration copper sleeve.

Blade Connector Terminals

Pack Quantity: 100

Type	Colour	Size (mm) Dia. x L	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Blade	Red	2.3 x 10.4	-2000K	$29.28	$21.96	$20.50	$19.03
Blade	Red	1.9 x 18.4	-2010K	$31.25	$23.44	$21.88	$20.31
Blade	Blue	2.8 x 9.0	-2050K	$29.03	$21.77	$20.32	$18.87
Blade	Blue	2.3 x 18.4	-2060K	$35.36	$26.52	$24.75	$22.98
Blade	Yellow	2.8 x 10.0	-2100K	$60.96	$45.72	$42.67	$39.62

Fork Connector Terminals

Pack Quantity: 100

Type	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Fork	Red	3.2	-2200K	$22.86	$17.15	$16.00	$14.86
Fork	Red	3.5	-2210K	$22.86	$17.15	$16.00	$14.86
Fork	Red	4.0	-2220K	$22.86	$17.15	$16.00	$14.86
Fork	Red	5.0	-2230K	$22.86	$17.15	$16.00	$14.86
Fork	Red	6.0	-2240K	$31.60	$23.70	$22.12	$20.54
Fork	Blue	3.2	-2260K	$25.53	$19.15	$17.87	$16.59
Fork	Blue	3.5	-2270K	$25.53	$19.15	$17.87	$16.59
Fork	Blue	4.0	-2280K	$25.53	$19.15	$17.87	$16.59
Fork	Blue	5.0	-2290K	$25.53	$19.15	$17.87	$16.59
Fork	Blue	6.0	-2300K	$33.52	$25.14	$23.46	$21.79
Fork	Yellow	3.0	-2320K	$38.51	$28.88	$26.96	$25.03
Fork	Yellow	4.0	-2330K	$38.51	$28.88	$26.96	$25.03
Fork	Yellow	5.0	-2340K	$38.51	$28.88	$26.96	$25.03
Fork	Yellow	6.0	-2350K	$56.07	$42.05	$39.25	$36.45

Ring Connector Terminals

Pack Quantity: 100

Type	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Ring	Red	3.0	-2400K	$20.85	$15.64	$14.60	$13.55
Ring	Red	3.7	-2410K	$20.85	$15.64	$14.60	$13.55
Ring	Red	4.0	-2420K	$22.86	$17.14	$16.00	$14.86
Ring	Red	5.0	-2430K	$22.86	$17.14	$16.00	$14.86
Ring	Red	6.0	-2440K	$31.60	$23.70	$22.12	$20.54
Ring	Red	8.0	-2450K	$31.60	$23.70	$22.12	$20.54
Ring	Red	10.0	-2460K	$44.78	$33.59	$31.35	$29.11
Ring	Blue	3.0	-2500K	$25.53	$19.15	$17.87	$16.59
Ring	Blue	3.7	-2510K	$25.53	$19.15	$17.87	$16.59
Ring	Blue	4.0	-2520K	$25.53	$19.15	$17.87	$16.59
Ring	Blue	5.0	-2530K	$25.53	$19.15	$17.87	$16.59
Ring	Blue	6.0	-2540K	$33.52	$25.14	$23.46	$21.79
Ring	Blue	8.0	-2550K	$34.81	$26.11	$24.37	$22.63
Ring	Blue	10.0	-2560K	$44.78	$33.59	$31.35	$29.11
Ring	Blue	12.0	-2570K	$79.09	$59.32	$55.36	$51.41
Ring	Yellow	3.0	-2600K	$38.51	$28.88	$26.96	$25.03
Ring	Yellow	4.0	-2620K	$38.51	$28.88	$26.96	$25.03
Ring	Yellow	5.0	-2630K	$42.06	$31.55	$29.44	$27.34
Ring	Yellow	6.0	-2640K	$56.07	$42.05	$39.25	$36.45
Ring	Yellow	8.0	-2650K	$58.79	$44.09	$41.15	$38.21
Ring	Yellow	10.0	-2660K	$58.79	$44.09	$41.15	$38.21
Ring	Yellow	12.0	-2670K	$81.77	$61.33	$57.24	$53.15

Butt Connector Terminals

Pack Quantity: 100

Type	Colour	Pack Quantity	Order Code KEN-515	List Price/pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Butt	Red	100	-2900K	$34.46	$25.84	$24.12	$22.40
Butt	Blue	100	-2910K	$34.40	$25.80	$24.08	$22.36
Butt	Yellow	100	-2920K	$54.69	$41.02	$38.28	$35.55

Push-on Female Connector Terminals

Pack Quantity: 100

Type (Female)	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Push-on	Red	6.3 x 0.8	-3000K	$34.46	$25.84	$24.12	$22.40
Push-on	Blue	6.3 x 0.8	-3010K	$38.24	$28.68	$26.77	$24.86
Push-on	Yellow	6.3 x 0.8	-3020K	$58.54	$43.91	$40.98	$38.05

Male Tab Connector Terminals

Pack Quantity: 100

Type (Male)	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Tab	Red	6.3 x 0.8	-3700K	$34.46	$25.84	$24.12	$22.40
Tab	Blue	6.3 x 0.8	-3710K	$34.40	$25.80	$24.12	$22.36
Tab	Yellow	6.3 x 0.8	-3720K	$54.69	$41.02	$38.28	$35.55

Female Socket Connector Terminals

Pack Quantity: 100

Type (Female)	Colour	Bullet Dia. (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Socket	Red	4.0	-3100K	$46.27	$34.70	$32.39	$30.08
Socket	Blue	4.0	-3110K	$48.98	$36.73	$34.29	$31.84
Socket	Blue	5.0	-3120K	$48.98	$36.73	$34.29	$31.84
Socket	Yellow	5.0	-3130K	$70.40	$52.80	$49.28	$45.76

Male Bullet Connector Terminals

Pack Quantity: 100

Type (Male)	Colour	Bullet Dia. (mm)	Order Code KEN-515	List Price/Pk	1 Pack Price	5 Pack Price/Pk	10 Pack Price/Pk
Bullet	Red	4.0	-3500K	$35.93	$26.95	$25.15	$23.35
Bullet	Blue	4.0	-3510K	$38.45	$28.84	$26.92	$24.99
Bullet	Blue	5.0	-3520K	$38.45	$28.84	$26.92	$24.99
Bullet	Yellow	5.0	-3530K	$66.22	$49.66	$46.35	$43.04

Assorted Heat Shrink Tubing

32 piece Kit . For insulating wire connectors. 4.8mm (16), 6.4mm (12) and 9.5mm (4) diameter by 35mm long.
For use with heat guns and gas torches

32 PIECES

No. of Pieces	Order Code KEN-515	List Price/1	Offer Price/1
32	-6800K	$11.98	$8.98

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EDISON Cable Ties

Suitable for securing or retaining cables and objects of various shapes and sizes. Tensile strengths of 8 to 22kg. Heat resistant from 40°C to 85°C. Supplied in pack of 100.

Industrial

600 Assorted Black Cable Ties
Contains 100 of each size: 2.5 x 100mm, 2.5 x 160mm, 3.5 x 200mm, 3.5 x 300mm, 4.8 x 200mm, 4.8 x 300mm.

Weight	Order Code EDI-515	Offer Price/1
645g	-3000K	$13.08

1001 USES IN THE WORKSHOP OFFICE GARDEN and HOME

Size (mm)	Order Code EDI-515 Black	Natural	Offer Price/100
2.5 x 100	-2100K	-2110K	$0.70
2.5 x 160	-2120K	-2130K	$1.41
2.5 x 200	-2140K	-2150K	$2.34
3.5 x 150	-2200K	-2210K	$1.99
3.5 x 200	-2220K	-2230K	$2.67
3.5 x 300	-2240K	-2250K	$5.36
3.5 x 370	-2260K	-2270K	$7.08
4.8 x 120	-2300K	-2310K	$2.18
4.8 x 200	-2320K	-2330K	$2.67
4.8 x 300	-2340K	-2350K	$5.36
4.8 x 380	-2360K	-2370K	$7.98
4.8 x 430	-2380K	-2390K	$9.53
7.0 x 200	-2500K	-2510K	$5.08
7.0 x 300	-2520K	-2530K	$7.34
7.9 x 350	-2600K	-2610K	$9.96
7.9 x 400	-2620K	-2630K	$11.15
7.9 x 450	-2640K	-2650K	$12.52
9.0 x 550	-2800K	-2810K	$22.22
9.0 x 760	-2820K	-2830K	$38.45
12.0 x 650	-2900K	-2910K	$32.47

KENNEDY QUALITY INDUSTRIAL TOOLING Mains Testers

With heavy duty one-piece moulded insulation sheaths covering both blade and transparent plastic handle for extra protection and safety. Will detect 'live' electricity supply. Suitable for AC to 125 - 250 volts. 3mm wide tip. Conform to **VDE 0630 Part 4**.

Industrial

Blade Length	Cap Type	Weight per 12	Order Code KEN-515	List Price/1	Offer Price/1
150mm	Plastic	210g	-0500K	$5.94	$4.46
190mm	Plastic	400g	-0550K	$8.00	$6.00

VDE

Magnetic Cable Guider

The Kennedy MagnaMole magnetic cable guide is an innovative tool to solve the age-old problem of inserting cables through brick walls, cavity walls, studwork etc. Tested by major utilities it has proven its worth and saves hours of engineers time.

NOT FOR USE WITH LIVE CABLES!

Contents:
1x 330mm (13") MagnaMole Cable Guider.
1x 3.7 - 4.3mm cable adaptor white.
1x 4.4 - 5.1mm cable adaptor grey.
1x 5.2 - 5.9mm cable adaptor black.
To suit 3.7 to 5.9mm Diameter Cables. (Drill not included).

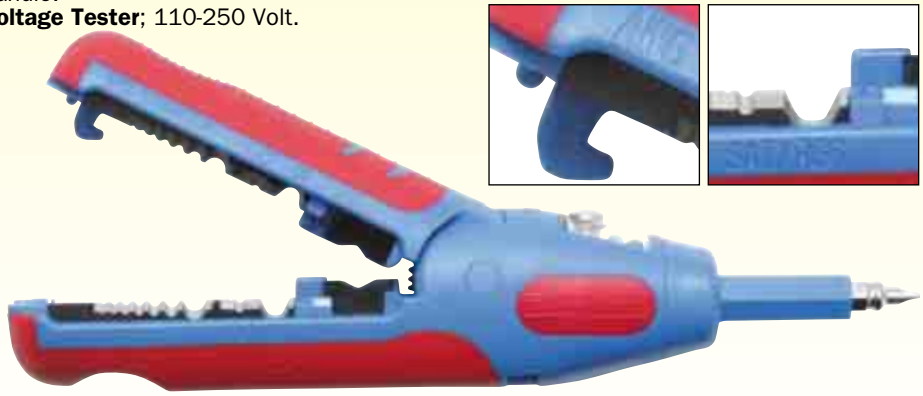
Push through cable guider

Attach to guider & pull back through

Type	Order Code KEN-516	List Price/1	Offer Price/1
Magnetic Cable Guider	-9600K	$44.60	$34.79
Magnetic Caps (6 Pack)	-9620K	$18.00	$14.04

KENNEDY QUALITY INDUSTRIAL TOOLING No.500 Multi Stripper

The newly developed Multi-Stripper PLUS: Screwdriver, voltage tester, stripper for conductors, round and coaxial cables and cutter in only one tool.
Wire Stripper; For all common stranded and solid conductors 0.5mm (20AWG) to 6.0mm (10AWG).
Co-ax Stripper; Two or three-level stripping of all common coaxial cables of 4.8 - 7.5mm dia.
Round Cable Stripper; Capacity 8-13mm dia (eg NYM 3x1.5mm-5x2.5 mm).
Cable Cutter; For PVC-isolated round cables max. 9mm dia.
Screwdriver; Two Double Ended bits: No.1 Pozi x 3.5 slotted No.2 Pozi x 4.0 slotted. With bit storage inside Ergonomic dual material handle.
Voltage Tester; 110-250 Volt.



Wire Stripping (mm)	Co-ax Stripping (mm)	Cable Stripping (mm)	Cable Cutting (mm)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 0.6	4.8 - 7.5	8.0 - 13.0	9.0	**-8340K**	$91.65	**$71.49**

Co-axial Cable Cutter

Two preset pairs of blades, one for outer sheathing, one for dielectric. For cable diameter range of 4.8 - 7.5mm² and flexible cables of 3 x 0.75mm², 10mm² and 16mm². Overall length: 110mm.

Capacity (mm²)	Order Code KEN-516	List Price/1	Offer Price/1
4.8 - 7.5	**-7960K**	$31.19	**$24.33**

Cable Tie Gun

Steel jaws grip the cable with trigger action for rapid tightening, tensioning and trimming, ideal for production environments. Capacity: 2.4 to 4.8mm.

Capacity (mm)	Order Code KEN-516	List Price/1	Offer Price/1
2.4 - 4.8	**-8400K**	$72.75	**$56.74**

Cable Stripping Knife

Steel blade and cushioned handle, used for stripping cable and wire.

Overall Length	Order Code KEN-516	List Price/1	Offer Price/1
150mm	**-7500K**	$14.00	**$10.92**

Cable Strippers

Durable plastic bodies with hardened and ground sharpened steel blades with precise depth of cut adjustment. Spring loaded safety cover, covers the blade when not in use. For standard and solid conductors. Hardened steel blades.

CS16
For stripping of all common round cables of 4 - 28mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel. Overall length: 125mm.

CS27
For stripping of all common round cables of 4 - 28mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel. Overall length: 130mm.

CS28
Complete with hook knife for splitting flat and ribbon cables along its length.
Overall length: 170mm.

Product Number	Capacity (mm²)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
CS16	4.0-16.0		**-7900K**	$28.92	**$22.56**
CS27	8.0-27.0		**-7910K**	$28.92	**$22.56**
CS28	4.0-28.0		**-7920K**	$32.25	**$25.16**
		Spares to suit			
CS16, CS27 & CS28		125g	**-7950K**	$6.66	**$5.19**

Cable Stripper

Cable Stripper for round and continental type cables of 8-13mm dia (e.g. NYM 3x 1.5mm² upto 5x 2.5mm²).
Flush stripping even in hard-to-reach areas, e.g. ceiling and wall areas, junction and distribution boxes, switch cabinets, etc. The ergonomic tool design provides a sure grip and safe handling. Needs no adjustment of the cutting depth.

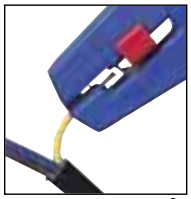
Capacity (mm)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	**-8300K**	$38.25	**$29.84**

Wire Stripper & Cutter

Mini-Duo Wire Stripper & Cutter
Self-adjusting cutting action for rapid repeatable wire stripping. Hardened and tempered ground steel blades housed in durable bodies contoured to fit comfortably into the hand for extended periods of use encountered in electrical assembly industries. Fully insulated wire stripper for all common stranded and solid conductors of 0.5 - 6.0mm². Adjusts automatically to diameter of wire. Overall length: 155mm.

Capacity (mm²)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	**-7980K**	$46.05	**$35.92**

Super Wire Stripper & Cutter
Fully insulated for all stranded and solid conductors from 0.2 to 6mm².
Automatically adjusts to the diameter of wire. Reinforced polymide construction.
Overall length: 195mm.



Capacity (mm²)	Order Code KEN-516	List Price/1	Offer Price/1
0.2 - 6.0	**-7970K**	$53.21	**$41.50**

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KENNEDY QUALITY INDUSTRIAL TOOLING Cable Stripper & Ripper

MK02: For stripping of outer insulation from cables. Spring loaded gripping arm, blade has adjustable cutting depth of up to 3mm. Blade can be turned through 90° by pushing the side button, to cut along the length of cable. Also features a spring loaded ripping blade for insulation removal.
Overall length: 138mm.

Capacity (mm^2)	Order Code KEN-516	List Price/1	Offer Price/1
4.5 - 28.0	-8040K	$85.47	$66.67
5 Spare Blades*	-8030K	$62.34	$48.63

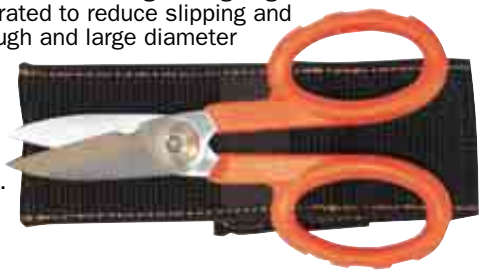
Wire Stripper, Cutter & Crimper

Duo Crimp: Combined stripping and crimping tool. Stripping tool adjusts automatically to the diameter of the wire. Wire diameter range: 0.5 - 6.0mm^2. Two crimping ranges are available 0.5 - 1.5mm^2 and 2.5 - 6.0mm^2. Complete with side wire cutter.
Overall length: 155mm.

Capacity (mm^2)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	150g	-8520K	$124.85	$97.38

Electrician's Shears

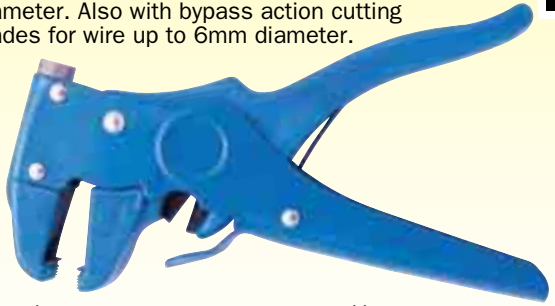
For use on soft cable up to 22mm^2 diameter, can also be used for stripping, cutting insulation materials, electrical tape and cable ties. High carbon stainless steel blades with hardened edge with vanadium and molybdenum for long lasting edge. HRC58-60 with one cutting edge serrated to reduce slipping and notched blade for tough and large diameter cuts. Tough, lightweight nylon handles. Supplied with handy clip-on belt pouch. Cutting length: 45mm (1¾").



Length (mm)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
140	150g	-6400K	$41.94	$32.71

SENATOR QUALITY TOOLING Automatic Wire Stripper

For stripping single core wire up to 6mm diameter. Also with bypass action cutting blades for wire up to 6mm diameter.



Capacity (mm)	Order Code SEN-516	List Price/1	Offer Price/1
6.0	-8240K	$53.53	$42.29

Powerstrip

Self adjusting. Wire is gripped and stripped in a single action. Also features a wire cutter to allow for trimming. Adjustable slide and lock wire stop for fast accurate setting of strip length.
Overall length: 175mm.

Capacity (mm^2)	Order Code KEN-516	List Price/1	Offer Price/1
1.25 - 6.0	-8060K	$176.97	$138.04

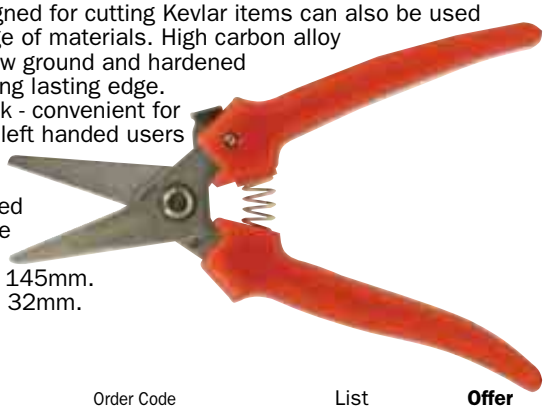
Maxistrip 2000

Fully adjusting. Can be used single handed, grips and strips in one action. Cutting depth adjuster allows for unusually tough or soft insulations. Features a wire cutter and adjustable slide and lock wire length stop. Overall length: 240mm.

Capacity (mm^2)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 10.0	-8070K	$210.09	$163.87

Fibre Optic Kevlar® Shears

Specially designed for cutting Kevlar items can also be used on a wide range of materials. High carbon alloy precision hollow ground and hardened blades for a long lasting edge. Easy swing lock - convenient for both right and left handed users spring action to reduce fatigue. Serrated blade to reduce slippage.
Overall length: 145mm.
Cutting length: 32mm.



Overall Length	Order Code PRO-516	List Price/1	Offer Price/1
145mm	-0003A	$32.03	$25.30

Fibre Optic Kevlar® Scissors

Specially designed for cutting Kevlar items, can also be used on a wide range of materials. High carbon alloy blades, precision hollow ground and hardened. Ergonomic handles allow for both right and left handed use. Adjustable pivot point allows for blade tensioning. Serration on blade to reduce slippage.

Overall Length	Order Code PRO-516	List Price/1	Offer Price/1
160mm	-0001A	$31.19	$24.64

Butane soldering irons can be used anywhere, any time, without having to plug into the wall. They don't have power cables making them ideally suitable for fine work. The run time for the irons varies from 30 to 90 minutes, depending on model and heat setting, but refilling them with butane gas only takes about 20 seconds. They offer more flexibility than traditional soldering irons as you can change the size of the soldering tips, put hot blow air tips for heat-shrink work, put hot knife tips on for cutting plastic, and flame tips for brazing. The temperature can be controlled very easily for each application (580°C to 1,300°C) with the temperature adjustment dial. Butane soldering irons don't use an open flame, unless using the flame tip. There are small catalytic combustion screens built into the other tips, which heat up and glow so that soldering iron won't flame out.

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Tool

Piezo self ignition. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel with built in stand for anti roll. Supplied with pointed soldering tip. Can be used with single flat, double flat, hot air, hot air deflector and hot knife, can also be used as a blow torch. Supplied without fuel.

Power rating: 25W - 125W
Soldering temperature: 580-1300°C
Run time: 60 minutes
Overall length - with cap: 235mm
Overall length - with soldering tip: 230mm.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
BS125		-9300K	$141.21	$110.14

Butane Soldering Tool

PIEZO self ignition. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel with built in stand for anti roll.
Supplied with pointed soldering tip.
Can be used with double flat, hot air, flame and hot knife, canalso be used as a blow torch. Supplied without fuel.

Power rating: 50W
Soldering temperature: 375°C
Run time: 60 minutes
Overall length - with cap: 195mm
Overall length - with soldering tip: 180mm.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
BS075 Soldering Iron		-9100K	$86.31	$67.32

Butane Soldering Tool Kit

BSK125
Contents: 25 - 125W butane soldering iron, tip cleaning sponge, five interchangeable tips: 2.4mm, 4.8mm double flat, hot air blower, hot knife and hot air deflector.

Number of Pieces	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
8	460g	-9320K	$216.00	$168.48

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KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Tools

Flint type ignition which is built into the cap. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel. Supplied with pointed soldering tip. Can be used with double flat, hot air, flame and hot knife, can also be used as a blow torch. Supplied without fuel.

Power rating: 50W
Soldering temperature: 375°C
Run time: 60 minutes
Overall length - with cap: 195mm
Overall length - with soldering tip: 180mm.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
BS050		-9000K	$38.24	$29.83

Butane Soldering Tool Kit

Supplied in a robust plastic case with inlay.

Contents:
BS050 Butane soldering iron, tip cleaning sponge, stand, four inter-changeable tips: 4.8mm and 3.0mm Double flat,hot knife.

Type	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
6 Piece Soldering Kit		-9020K	$67.68	$52.79

Butane Soldering Tool Kit

Supplied in a robust plastic case.
Contents: BS075 butane soldering iron, tip cleaning sponge, eight interchangeable tips: 2.4mm single flat, 1mm, 2.4mm, 3.2mm, 4.8mm double flat, hot air blower, hot knife and hot air deflector.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
7 Piece Soldering Kit		-9120K	$120.92	$94.32

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy soldering tools.

1.0 - 4.8mm Double Flat Tip | Hot Air Blower Tip | Hot Knife Tip | Flame Tip

Type	Size (mm)	Order Code KEN-516	List Price/1	Offer Price/1
To Suit BS050 Soldering Iron				
Double Flat Tip	2.4	-9050K	$13.61	$10.62
	4.8	-9040K	$13.61	$10.62
Fine Tip		-9060K	$13.61	$10.62
Hot Knife Tip		-9070K	$13.61	$10.62
To Suit BS075 Soldering Iron				
Double Flat Tip	2.4	-9140K	$25.38	$19.80
	3.2	-9150K	$25.38	$19.80
	4.8	-9160K	$25.38	$19.80
Hot Air Tip		-9170K	$25.38	$19.80
Flame Tip		-9180K	$25.38	$19.80
Hot Knife Tip		-9190K	$25.38	$19.80
To Suit BS125 Soldering Iron				
Single Flat Tip	2.4	-9340K	$27.96	$21.81
Double Flat Tip	1.0	-9350K	$27.96	$21.81
	2.4	-9360K	$27.96	$21.81
	3.2	-9370K	$27.96	$21.81
	4.8	-9380K	$27.96	$21.81
Hot Air Blower Tip		-9390K	$27.96	$21.81
Hot Air Deflector		-9400K	$27.96	$21.81
Hot Knife Tip		-9410K	$27.96	$21.81

NIMROD Replacement Soldering Tips

Iron plated. For Use with PRO 50/PRO 70.

S-01 | S-12 | S-13 | S-14 | S-05 | S-06 | S-07

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
S-01 (1mm)	10g	-5500A	$14.06	$12.94
S-12 (2mm)	10g	-5510B	$14.06	$12.94
S-13 (3mm)	10g	-5520C	$14.06	$12.94
S-14 (4mm)	10g	-5530D	$14.06	$12.94
S-05 (Knife)	10g	-5600K	$14.06	$12.94
S-06 (Torch)	10g	-5610L	$14.06	$12.94
S-07 (Blower)	10g	-5620M	$14.06	$12.94

Replacement Heavy Duty Soldering Tips

For use with PRO100/PRO120. Manufactured from copper stock, iron and nickel plated before finally 'tinned', ready for use.

CT-01 | CT-02 | PS-3 | PS-4 | PS-5 | PS-6

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
CT-01 (1mm Chisel)	10g	-5010A	$19.01	$17.49
CT-02 (2.4mm Chisel)	10g	-5020B	$19.01	$17.49
PS-3 (3.2mm Chisel)	10g	-5230C	$19.01	$17.49
PS-4 (4.8mm Chisel)	10g	-5240D	$19.01	$17.49
PS-5 (1mm Angle)	10g	-5250E	$19.01	$17.49
PS-6 (2.4mm Angle)	10g	-5260F	$19.01	$17.49

NIMROD® Micro-Jet Plus Soldering Tool

Instant 1300°C microflame. Suitable for soldering, brazing, and freeing seized nuts.
Powered by a refillable butane cigarette lighter. Safety lock to prevent accidental ignition.
Approx. running time per fill: 30 - 35 minutes.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Micro-Jet Plus	95g	-2220R	$31.03	$28.55

Micro-Therm Hot Air Tool

Produces a 650°C hot air stream. Suitable for heat shrinking of cable sleeves, for the rapid drying of adhesives and touch-up paint, will melt soft solder. Ideal for use in confined spaces. Powered by a refillable butane cigarette lighter. Safety lock to prevent accidental ignition.
Approx. running time per fill: 30 - 35 minutes.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Micro-Therm	110g	-2100H	$34.54	$31.78

Butane Soldering Torch

Cordless pocket sized soldering torch, butane powered - simple to refill. The gas fuel level can be seen clearly in the transparent 7ml tank. Textured anti-slip barrel, flint wheel in cap for ignition. Safety wire stand prevents the soldering iron from rolling when not in use. Can be used with hot knife, gas torch and deflector tips. Supplied with pointed soldering tip and without Butane.

Power rating: 30W to 70W.
Soldering temperature: 210°C to 400°C.
Maximum temperature: 1300°C.
Run time: approx 30 minutes (full tank of fuel at mid heat level setting).
Overall length - with cap: 153mm
Overall length - with soldering tip: 140mm.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 50	55g	-3010A	$40.99	$37.71

Butane Soldering Torch

Self igniting at the push of a switch, one handed operation. Cordless multi-function heat and soldering torch, butane powered simple to refill, 20ml tank. Textured anti-slip barrel with anti-roll flat on handle, to prevent movement when not in use. Suitable for soldering, brazing and light gauge welding. Fully adjustable tip temperature control.
Supplied with pointed soldering tip.
Can be used with hot knife, gas torch and deflector tips.
Supplied without Butane.

Power rating: 30W to 70W.
Soldering temperature: 250°C to 500°C.
Maximum temperature: 1300°C.
Run time: approx. 120 minutes (full tank of fuel at mid heat level setting)
Overall length - with cap: 233mm
Overall length - with soldering tip: 215mm.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 100	110g	-3100H	$93.70	$86.20

Butane Soldering Torch

Cordless soldering torch, butane powered, simple to refill. Suitable for soldering, light gauge welding, brazing. The gas fuel level can be seen clearly in the transparent 20ml tank. Textured anti-slip barrel, flint wheel in cap for ignition. Safety wire stand prevents the soldering iron from rolling when not in use. Supplied with pointed soldering tip and blow torch nozzle.
Can be used with hot knife, gas torch and deflector tips.
Supplied without Butane.

Power rating: 30W to 70W.
Soldering temperature: 250°C to 500°C.
Maximum temperature: 1300°C.
Run time: approx 120 minutes (full tank of fuel at mid heat level setting).
Overall length - with cap: 233mm
Overall length - with soldering tip: 215mm

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 70	80g	-3050D	$50.78	$46.72

Butane Soldering Torch - Heavy Duty

A heavy duty powerful heat tool with self ignition for one handed operation, butane powered simple to refill. The gas fuel level can be seen clearly in the transparent 38ml tank. Machined aluminium barrel with anti-roll flat on handle, to prevent rolling when not in use. Fully adjustable tip temperature control.Supplied with pointed soldering tip, this tool is capable of soft soldering, brazing, sweating and heat expansion of seized fasteners. Protective case with auto gas shut off.
Can be used with hot knife, gas torch and deflector tips.
Supplied without butane.

Power rating: 30W - 125W.
Soldering temperature: 250°C - 500°C.
Maximum temperature: 250 - 550°C.
Run time: approx 200 minutes (full tank of fuel at mid heat level setting).
Overall length - with cap: 254mm
Overall length - with soldering tip: 245mm.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 120	170g	-3140M	$100.70	$92.64

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NIMROD® Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 50 butane powered soldering torch. Pointed soldering tip, hot knife tip, blow torch tip and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 50K	390g	-3020B	$72.55	$66.75

Butane Soldering Rework Kit

A complete rework kit with all of the items needed for repairing soldered joints in electrical and electronic circuits. Kit contains a Pro 70 butane soldering torch - (which will not release static discharge into circuits or components), desolder pump, gas torch tip, hot air blower tip, coil of 60/40 cored solder, container of flux, metal stand and user manual. Supplied without butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Solderpro 70KS	340g	-3070F	$106.92	$98.37

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 120 butane powered soldering torch, pointed soldering tip, 30mm spreader tip, blow torch and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 120K	650g	-3150N	$161.02	$148.14

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 70 butane powered soldering torch, pointed soldering tip, hot knife tip, blow torch tip and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 70K	400g	-3060E	$91.54	$84.22

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 100 butane powered soldering torch, pointed soldering tip, 2mm flat soldering tip, 30mm spreader tip, heat blower tip and deflector. A coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 100K	600g	-3110J	$127.18	$117.01

Butane Soldering Torch - Heavy Duty Rework Kit

A more comprehensive kit for the repair and maintenance of most electrical and electronic soldered assemblies, in the most remote environments. Contains: Pro 120 butane powered soldering torch with 2.4mm chisel tip, professional metal bodied desolder pump, precision side cutter(insulated), 1mm chisel tip, 5mm diameter hot air blower tip, gas torch tip, coil of 60/40 cored solder, two metal trays, flux, moulded stand and user manual. Supplied in a metal box with hammer paint finish and chrome plated snap latches.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 120KS	1.35kg	-3160P	$216.65	$199.32

SENATOR QUALITY TOOLING Butane Soldering Torch

Flint type ignition which is built into the cap. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control.
Supplied with pointed soldering tip and a stand with sponge.
Supplied without fuel.

Power rating: 30W - 80W
Soldering temperature: 1300°C
Run time: 45 minutes
Overall length with cap: 235mm
Overall length with soldering tip: 230mm.

Type	Weight each	Order Code SEN-516	List Price/1	Offer Price/1
Soldering Torch	105g	-2020K	$41.20	$32.55

4-In-1 Butane Torch Kit

This excellent soldering kit represents exceptional value for money. **Contains includes:** Butane soldering tool complete with 2.4mm soldering tip, hot knife tip, hot air tip and flame tip. Protective cap with pocket clip. Stand and sponge.
Applications: Soldering circuit boards, craft projects, thawing frozen locks, shrinking heat
seal plastic tubing and cauterising rope. The needle & 2.4mm soldering tip must be used in conjunction with the inter-changeable tip
holder.

Type	Weight each	Order Code SEN-516	List Price/1	Offer Price/1
4-In-1 Soldering Kit	467g	-2040K	$58.88	$46.52
Spares for 4-In-1 Torch Kit				
Flame Tip		-2060K	$8.84	$6.98
Needle Soldering Tip		-2080K	$8.84	$6.98
2.4mm Soldering Tip		-2100K	$8.84	$6.98
Hot Blower Tip		-2120K	$11.15	$8.81
Hot Knife Tip		-2140K	$11.15	$8.81
Interchangeable Tip Holder		-2200K	$11.15	$8.81

Butane Micro Soldering Tool

Cordless and refillable.
Uses standard butane lighter fuel 120W rating.
Working temperature range up to 1,300°C.
Lightweight, windproof flame, ideal for outdoors. Easily removed nozzle for cleaning or replacement.
Can be used for shrinking heat seal plastic tubing.
Light duty soldering. Craft projects. Thawing frozen locks. Includes one refillable fuel cartridge.

Type	Weight each	Order Code SEN-516	List Price/1	Offer Price/1
Micro Torch	105g	-2000K	$26.48	$20.92

WELLER Soldering Irons

SI Series - 120 Watts Heavy Duty
Ergonomically designed triangular section handle. 240V, fitted with 3-pin plugs. Has a replaceable nickel-plated copper tip. Heavy duty soldering iron for the professional user and light industrial use.

Product Number	Voltage	Wattage	Weight each	Order Code WEL-875	List Price/1	Offer Price/1
SI120D	240V	120W	500g	-6209K	$127.45	$108.33
SI175D	240V	175W	500g	-6211M	$143.42	$121.91

SP80LUK
Heavy Duty Soldering Iron for making Metal Repairs such as Battery Connections and Small Metal Joining Tasks.

Product Number	Voltage	Wattage	Order Code WEL-875	List Price/1	Offer Price/1
SP80LUK	240V	80W	-6226G	$90.74	$77.13

Expert Soldering Kit

Ideal for hobbies, model making and home repairs. Copper soldering tip for use on wood, leather, burning and stain glass work. 240V - 50/60Hz, 100W with an insulation category of 11. Supplied with smoothing tip, cutting tip, soldering aid tool and a coil of multi-purpose solder.

Product Number	Weight each	Order Code WEL-875	List Price/1	Offer Price/1
8100 UDK		-6512D	$114.71	$97.50
Spare Tips		-6550M	$8.11	$6.89

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EDISON Digital Multimeter

DM383
Compact size with removable rubber holster. Features include continuity, transistor hFE, reading/peak hold, fused current range, auto power off, overload indication, low battery indication, tilt stand/hanger.

Voltage max: 600V AC, 600V DC.
Current max: 10A DC.
Resistance max: 2MΩ.
Safety rating: Cat II.
Warranty: 1 year.
Supplied with holster.

Model Number	Weight each	Order Code EDI-516	Offer Price/1
DM383		-2900K	$37.51
Replacement Probe		-9030K	$3.82

DAM332
Pocket sized with integral lead storage. Features include continuity, diode, reading/peak hold, fused current range, auto power off, overload indication, low battery indication.

Voltage max: 600V AC, 600V DC.
Current max: 400mA AC/DC.
Resistance max: 40MΩ.
Safety rating: Cat II.
Warranty: 1 year.
Supplied with wallet.

For Batteries

See Group 904

Model Number	Weight each	Order Code EDI-516	Offer Price/1
DAM332		-2600K	$54.40

DM664
Extra large digits, temperature probe and short lead capacitor adaptor, removable rubber holster with lead holders.
Features: continuity, diode, transistor hFE, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:700V AC, 1000V DC.
Current max:10A AC/DC.
Resistance max:200MΩ.
Capacitance max: 2mF.
Frequency max: 20kHz.
Temperature max: -20 to 1000°C.
Safety rating: Cat III 600V, Cat II 1000V.
Warranty: 1 year.
Supplied with holster.

Model Number	Weight each	Order Code EDI-516	Offer Price/1
DM664		-3000K	$87.09
Replacement Probe		-9010K	$5.33

DAM668
Removable rubber holster with integral lead holders. Features include continuity, diode, transistor hFE, auto ranging, reading/peak hold, bar graph, fused current range, overload indication, low battery indicator, tilt Stand/hanger.

Voltage max: 700V AC, 1000V DC.
Current max: 10A AC/DC.
Resistance max: 32.6MΩ.
Capacitance max: 32.6mF.
Frequency max: 150kHz.
Safety rating: Cat III 600V, Cat II 1000V.
Warranty: 1 year.
Supplied with holster.

Model Number	Weight each	Order Code EDI-516	Offer Price/1
DAM668		-2700K	$127.05
Replacement Probe		-9010K	$5.33

DAM982
Large digits, duty cycle function, auto and manual range, relative measure. Features include continuity, diode, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max: 750V AC, 1000V DC.
Current max: 10A AC/DC.
Resistance max: 40MΩ.
Capacitance max: 20μF.
Frequency max: 10MHz.
Safety Rating: Cat III 600V, Cat II 1000V.
Warranty: 1 year.
Supplied with case.

Model Number	Weight each	Order Code EDI-516	Offer Price/1
DAM982		-3400K	$145.11
Replacement Probe		-9020K	$5.62

AMPROBE 7-Function Manual Ranging Digital Multimeter

5XP-A
Features VolTect™; non-contact voltage (NCV) detection and Magne-Grip™; holster with magnetic strap. For residential, commercial and general troubleshooting applications.
Features include 27 ranges/10 functions a complete performance, general purpose digital multimeter 2000-count 3½ digit display. Battery load test with 1.5 volt and 9 volt capabilities. Min/Max records minimum and maximum values. Data Hold freezes display to hold measurement reading

Voltage max: 750V AC, 1000V DC

Model Number	Weight each	Order Code AMP-516	Offer Price/1
DAM982		-1005P	$57.85

EDISON Digital Multimeters

OJM826 Open Jaw
Large digits, duty cycle function, relative measure. Features include continuity, diode, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max: 750V AC, 1000V DC.
Current max: 200A AC.
Resistance max: 40MΩ.
Capacitance max: 40µF.
Frequency max: 100kHz.
Safety rating: Cat III 600V, Cat II 1000V.
Warranty: 1 year.
Supplied with case.

Model Number	Order Code EDI-516	Offer Price/1
OJM826	-3500K	$181.52

Model Number	Order Code EDI-516	Offer Price/1
Rep. Probe	-9040K	$11.65

DCM998A
Large digits, max alert, fitted ABS case. Features include continuity, reading/peak hold, back light, overload indication, low battery indicator.
Voltage max: 750V AC, 1000V DC.
Current max: 1000A AC.
Resistance max: 2000MW.
Jaw opening max: 55mm.
Safety rating: Cat II.
Warranty: 1 year.
Supplied with case.

Model Number	Order Code EDI-516	Offer Price/1
DCM998A	-2800K	$172.88

FLUKE Series 330 Clamp Meters

333 True RMS
Features include continuity, auto ranging, reading/peak hold, auto power off, overload indication, low battery indicator.

Voltage max: 600V AC.
Current max: 400A AC.
Resistance max: 600Ω.
Jaw opening max: 30mm.
Safety rating: Cat III.
Warranty: 3 years.
Supplied with case.

Model Number	Order Code FLU-516	Offer Price/1
333	-1333M	$249.90

335 True RMS
Inrush current capture. Features include continuity, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator.

Voltage max: 600V AC.
Current max: 600A AC
Resistance max: 6KΩ.
Jaw opening max: 30mm.
Safety rating: Cat III.
Warranty: 3 years.
Supplied with case.

Model Number	Order Code FLU-516	Offer Price/1
335	-1335P	$352.80

336 True RMS
AC and DC inrush current capture. Features include continuity, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator.

Voltage max: 600V AC, 600V DC.
Current max: 600A AC and DC.
Resistance max: 6KΩ.
Jaw opening max: 42mm.
Safety rating: Cat III.
Warranty: 3 years.
Supplied with case.

Model Number	Order Code FLU-516	Offer Price/1
336	-1336Q	$525.00

Electrical Tester

TS-600
4mm detachable probes, instruction sheet, continuity beeper, rugged enough to withstand 30m (10ft) drop. Features include continuity, auto power off.

Voltage max: 600V, 600V DC.
Current max: 100A.
Resistance max: 1000Ω.
Safety rating: Cat III.

Model Number	Order Code FLU-516	Offer Price/1
TS-600	-7050Q	$186.90

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AMPROBE Digital Multimeters

AC40B
Large digits giving a 4000-count display with barograph. Autoranging & Data Hold facility.
Voltage max:
400A AC range,
Current max:
600V AC and DC
Resolution:
10mA
Jaw opening max:
25mm
Safety:
EN 61010,
CAT III/600V

Model Number	Weight each	Order Code AMP-516	Offer Price/1
AC40B		-1540A	$166.44

AC75B
Custom designed to make HVAC, Electrical, and Ind. maintenance tasks faster and easier.
Digital thermometer 400°C, Type K probe included.
Low DC µA Amps for flame rod detector testing.
Capacitance to 4000µF for motor run/start testing.
Continuity beeper.
4000-count large digit display.
Auto power off with full overload protection.
Current max:
600A AC Current
Voltage max:
AC/DC
750 V/1000V
Resistance:
40 MO
Jaw opening max:
35 mm
Safety:
acc. EN 61010,
CAT III/600V,
CAT II/1000V

Model Number	Weight each	Order Code AMP-516	Offer Price/1
AC75B		-1570M	$200.64

FLUKE Electrical Tester

T100
Voltage test, optical and acoustical continuity test, rotary field indication, single pole test for phase detection, indication of polarity, electrical torch function.
Voltage (max):
690V AC/DC.
Continuity (max):
400kΩ.
Frequency (max):
400Hz.
Safety rating:
Cat IIII 600V.

Model Number	Weight each	Order Code FLU-516	Offer Price/1
T100		-7100M	$79.80

Hand Held Tachometer Kits

These tachometers provide very important operational data to engineers and operators of all types of rotating plant and machinery across a wide variety of industries, some examples are: motors, pumps, compressors, hydraulic motors, paper and packaging, textile machines, wire industries, machine tools and heavy diesel driven equipment.

Complete Kits
Each unit is supplied in a robust carry case including appropriate accessories for both optical measurements (Redpoint) and optical/contact measurements (Rotary).

Redpoint Optical Tachometer
Using a precision red LED light source together with a reflective marker, non-contact measurements can be made safely up to 0.6 metres distance (two feet) from the target.

Rotary Optical/Contact Tachometer
In addition to the Redpoint optical functions, Rotary is supplied with a plug in contact adaptor for rpm and linear speed and length measurements.

Tacho Products

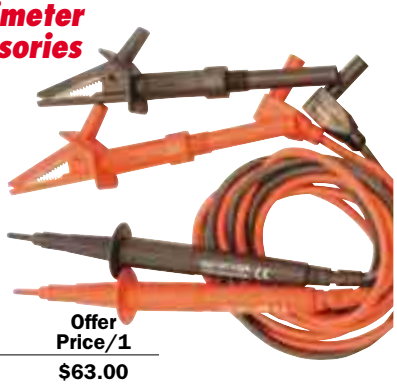
Model Number	Weight each	Order Code CTL-315	Offer Price/1
A5-1199 Redpoint		-2640J	$256.50
A5-1099 Rotary		-2620G	$351.50

Accessories

Accessory Description	Weight each	Order Code CTL-315	Offer Price/1
0.1" Measuring Disc		-3730Q	$15.44
6" Measuring Disc		-3720P	$20.19
12" Measuring Disc		-3840C	$95.00
Measuring Tip		-2570A	$14.25
Measuring Funnel		-3780X	$15.44
Extension Shaft		-2580B	$7.12
Adaptor		-2600D	$59.38

FLUKE Multimeter Accessories

Test Leads - FTL660
Set contents: industrial test probes, rectangle test leads and heavy duty alligator clips, fused test leads.
Can be used with most multimeters.



Product Number	Weight each	Order Code FLU-516	Offer Price/1
FTL660		-3660D	$63.00

SureGrip™ Industrial Test Lead Kit - TL220
Contents:
AC220 SureGrip™ alligator clip set.
TP220 SureGrip™ test probe set.
TL222 SureGrip™ silicone test lead set (right to right). One year warranty.

Product Number	Weight each	Order Code FLU-516	Offer Price/1
TL220		-7620K	$77.70

Premium Test Lead Set - TL71
One pair (red, black) comfort grip probes with silicone insulated, right-angle test leads.
Recommended for µV measurements.
CAT IV 600V, CAT III 1000V, 10A rating.
UL listed.
One year warranty.

Product Number	Weight each	Order Code FLU-516	Offer Price/1
TL71		-7571W	$25.20

Electronic Test Lead Set - TL80A
1m test lead set with alligator clips and tip extenders in soft carry case. Can be used with most multimeters.

Product Number	Weight each	Order Code FLU-516	Offer Price/1
TL80A		-7580D	$75.60

Vinyl Case - C50
Polymer carrying case for meters, manuals and test lead accessories.
Zip opening with belt loop.
For Fluke 20, 70 and 50 series multi-meters.

Product Number	Weight each	Order Code FLU-516	Offer Price/1
C50	130g	-2050C	$42.00

SEAWARD Basic, Hand-held Safety Checker

The Primetest 50 offers exceptional lightness and portability as well as a simplified range of tests. Simply choose the test you require; either earthed appliance, double insulated appliance, or mains cord testing. The simple display shows Pass or Fail. The outer casing will stand up to anything a normal working environment has to offer. A great choice for those needing a reliable, easy to use, portable safety tester.

Key Features
Easy to use: Connect your test appliance, pick your test mode, push the button. The display tells whether it has passed or failed.

Hand-held - Highly Portable: Measuring only 26 x 10cm, the Primetest 50 fits in the palm of your hand.

Battery Powered: Lighter, easy to use and more portable, you do not need a power supply nearby.

PATGuard Compatible: To help make your life as a tester even easier, the Primetest 50 can be used with our industry acclaimed PATGuard Workabout software for mobile data input. Now you have the best of both worlds - easy testing and easy information management.

PAT Tests
Earth continuity.
Test current +/- 200mA DC.
PASS/FAIL threshold 0.2ohms.
Insulation resistance.
Test voltages 500V DC.
PASS/FAIL threshold 2Mohms.
IEC lead test.
Tests performed earth continuity.
Insulation resistance.
Live, neutral continuity and polarity.

Circuit Tests
Power socket test.
Input voltage range 230V +10%, -15% AC.
Indicators phase to earth voltage.
Phase to neutral voltage.
Neutral to earth.

Additional Information
Weight: 800g.
Dimensions (L x W x D): 26 x 10 x 5.5cm.
Power source: 6 x AA batteries.

Dimensions (mm)	Weight each	Order Code SEA-516	Offer Price/1
26 x 10 x 5.5	800g	-5550M	$596.51

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EDISON Non-Contact AC Voltage Detector

Non contact voltage detector without the need to disconnect the conductor/ appliance from the mains. Flashing light and audible indication of AC voltages of 100 to 240V, Quick and accurate detection of cable breaks, can be used to detect blown fuses and distinguish between live, neutral wires in single and three phase supplies. Pen style design fits conveniently in shirt pocket.

Voltage sensitivity: 100 to 240V AC.
Frequency: 50/60Hz.
Over voltage category: CAT III 600V.
Detection distance: <5mm.
Operating temperature: 32 to 122°F (0 to 50°C).
Storage temperature: -4 to 140°F (-20 to 60°C).
Humidity: <85%RH.
Power: batteries x2, 1.5V (AAA).
(EDI -904- 3040K). (Not supplied).

Works on Australian Standard Electrical Systems

Model Number	Weight each	Order Code EDI-516	List Price/1	Offer Price/1
NCD332		-2000K	$31.31	$24.42

BOSCH DIY Bosch Digital Detector

PDO MULTI
Detect metals, wood and power cables easily ensuring maximum safety when drilling for the toughest demands. Reliable detection up to 80mm detection depth, immediately ready for use thanks to fully automatic calibration and locates metals, live and non-live power cables and wooden substructures. Presented in a robust protective case with softgrip for a more comfortable hold and 1 9V battery included.

Features include:
- Clear drilling recommendation by means of marking ring illuminated in red/green.
- Zoom function for reliable detection accurate to the millimetre.
- Large, concise digital display makes measurements easy to read.
- Distinguishes between ferrous and non-ferrous metals.
- Markers, protective case and batteries included.

Detectable materials:
Reinforcing steel, steel, non-ferrous metals, wooden substructures, (non) live cables.
Detection depth (max): steel/copper: 80/60mm.
Calibration: automatic.
Automatic deactivation: 5 min.

Product Number	Weight each	Order Code BCH-267	List Price/1	Offer Price/1
PDOMULTI	0.25kg	-7960A	$99.00	$94.05

BOSCH DIY Bosch Pipe & Cable Detector

PDO 6
Maximum safety when drilling - compact, small and handy. Reliable detection up to 60mm detection depth, immediately ready for use thanks to fully automatic calibration and locates metals. Presented in a robust protective case with softgrip for a more comfortable hold and 1 9V battery included.

Features include:
- Clear drilling recommendation by means of marking ring illuminated in red/green.
- Extremely easy operation - only one button!
- Digital display makes the measurement. results easy to read.
- Luminous ring and display.

Detection depth (max): steel/copper: 60/50mm.
Calibration: automatic.

Product Number	Weight each	Order Code BCH-267	List Price/1	Offer Price/1
PD06	0.20kg	-7960B	$69.00	$65.55

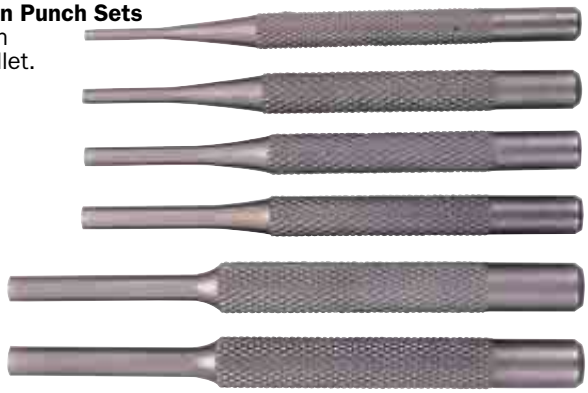
KENNEDY QUALITY INDUSTRIAL TOOLING Parallel Pin Punches

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. With a knurled body for extra grip. Conform to **BS 3066**.

Point Dia. (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100mm (4") Overall Length				
1.9 (5/64")	30g	**-2125K**	$3.95	**$2.57**
2.4 (3/32")	30g	**-2130K**	$3.95	**$2.57**
3.2 (1/8")	30g	**-2150K**	$3.95	**$2.57**
3.4 (9/64")	30g	**-2155K**	$3.95	**$2.57**
4.0 (5/32")	30g	**-2160K**	$3.95	**$2.57**
4.8 (3/16")	40g	**-2170K**	$3.95	**$2.57**
5.5 (7/32")	30g	**-2180K**	$4.25	**$2.76**
6.3 (1/4")	40g	**-2190K**	$4.25	**$2.76**
130mm (5") Overall Length				
7.8 (5/16")	150g	**-2192K**	$4.25	**$2.76**
8.8 (11/32")	175g	**-2196K**	$5.50	**$3.58**
150mm (6") Overall Length				
4.0 (5/32")	60g	**-2350K**	$8.90	**$5.79**
4.8 (3/16")	70g	**-2360K**	$8.90	**$5.79**
5.5 (7/32")	175g	**-2370K**	$9.37	**$6.09**
6.3 (1/4")	280g	**-2380K**	$9.37	**$6.09**

Parallel Pin Punch Sets

Supplied in plastic wallet.



No. of Pieces	Contents (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100mm (4") Overall Length					
6	2.4, 3.2, 4.0, 4.8, 5.5 & 6.4	280g	**-2200K**	$23.70	**$14.22**
150mm (6") Overall Length					
4	4.0, 4.8, 5.5 & 6.4	585g	**-2400K**	$32.87	**$19.72**

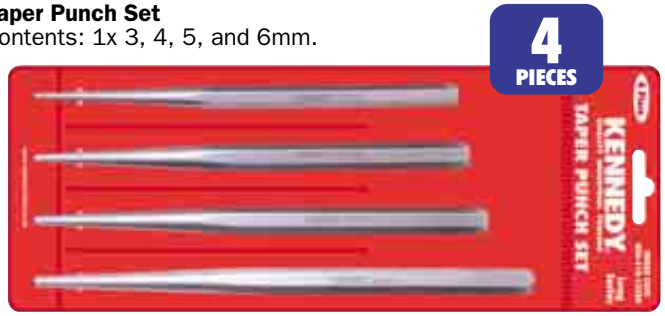
Taper Punches

Manufactured from chrome vanadium steel. Used for aligning holes in jigs and fixtures etc.

Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	210	115g	**-1533K**	$10.84	**$7.05**
4	215	160g	**-1534K**	$10.84	**$7.05**
5	225	180g	**-1535K**	$10.84	**$7.05**
6	240	195g	**-1536K**	$13.08	**$8.50**
8	270	380g	**-1538K**	$19.89	**$12.93**
10	355	520g	**-1540K**	$26.04	**$16.93**
12	355	540g	**-1542K**	$28.98	**$18.84**

Taper Punch Set

Contents: 1x 3, 4, 5, and 6mm.



No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	3, 4, 5 & 6mm	683g	**-1550K**	$40.95	**$24.57**

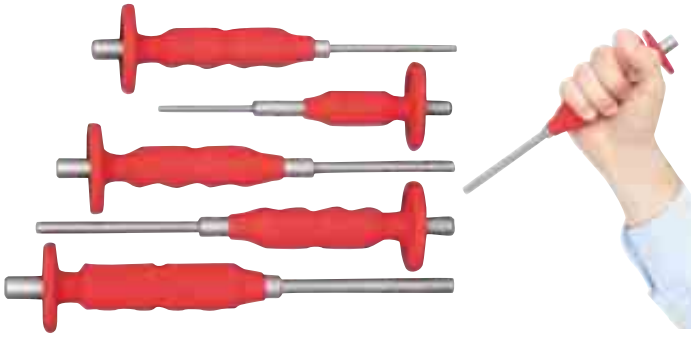
KENNEDY QUALITY INDUSTRIAL TOOLING Long Parallel Pin Punches With Air Grip

Industrial

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. Fitted with an air grip handle that absorbs vibration as well as deflecting wayward hammer blows.

Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	149	53g	**-2323K**	$5.95	**$3.87**
4	184	97g	**-2324K**	$5.95	**$3.87**
5	200	110g	**-2325K**	$5.95	**$3.87**
6	200	117g	**-2326K**	$5.95	**$3.87**
8	227	180g	**-2328K**	$5.95	**$3.87**

Long Parallel Punch Set



No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
5	3, 4, 5, 6 & 8mm	557g	**-2330K**	$29.75	**$17.85**

Starrett® Pin Punches

Manufactured from hardened and tempered steel with a knurled grip. Suitable for use in the machine shop or the automotive industry to drive tight fitting pins out of mechanical assemblies or to realign holes to fit dowel pins.

Product Number	Point Dia. (mm/inch)	Weight each	Order Code STT-587	List Price/1	Offer Price/1
100mm (4") - Overall Length					
565A	1.5 (1/16")	25g	**-1250F**	$8.17	**$6.94**
565B	2.5 (3/32")	25g	**-1252G**	$8.17	**$6.94**
565C	3 (1/8")	25g	**-1254H**	$8.17	**$6.94**
565D	4 (5/32")	25g	**-1256J**	$8.17	**$6.94**
565E	5 (3/16")	34g	**-1258K**	$8.17	**$6.94**
565F	5.5 (7/32")	34g	**-1260L**	$8.17	**$6.94**
565G	6 (1/4")	46g	**-1262M**	$8.17	**$6.94**
565H	8 (5/16")	46g	**-1264N**	$8.17	**$6.94**
200mm (8") - Overall Length					
248A	3 (1/8")	46g	**-1225P**	$11.38	**$9.67**
248B	5 (3/16")	55g	**-1226Q**	$11.38	**$9.67**
248C	6 (1/4")	66g	**-1227R**	$11.38	**$9.67**
248D	8 (5/16")	75g	**-1228S**	$11.94	**$10.15**
248E	9.5 (3/8")	116g	**-1229T**	$11.94	**$10.15**

Pin Punch Sets

S565PC - 8 Piece Set Contents: 1x 1.5, 2.5, 3, 4, 5, 5.5, 6 and 8mm, supplied in plastic wallet.

S248 - 5 Piece Set Contents: 1x 3, 5, 6, 8 and 9.5mm.

S248PC - 5 Piece Set Contents: 1x 3, 5, 6, 8 and 9.5mm, supplied in plastic wallet.

Product Number	Contents	Weight each	Order Code STT-587	List Price/1	Offer Price/1
8 Piece - 100mm (4") - Overall Length					
S565PC*	As above	300g	**-1266P**	$69.47	**$59.05**
5 Piece - 200mm (8") - Overall Length					
S248	As above	700g	**-1230E**	$57.71	**$49.05**
S248PC*	As above	700g	**-1235F**	$63.96	**$54.37**

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KENNEDY QUALITY INDUSTRIAL TOOLING Nail Punch Set

Cupped and bevelled precision ground points provide accurate positioning over the nail head for efficient depression. Manufactured from hardened and tempered steel, with a knurled body for extra grip. Conform to **BS 3066**. (Hardness: heads 42 HRC. Max: points 52 - 58HRC). Supplied in plastic wallet.

4 PIECES

No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	1.6, 2.4, 3.2 & 4mm	170g	-2300K	$15.80	$9.48

Square Head Centre Punch Set

Non-roll. Manufactured from hardened and tempered steel with a knurled body for positive grip. Precision ground 60° point for accurate marking of workpiece. Conform to **BS 3066**. Contents: 1x 3.2, 4, 4.8 and 6.4 x 100mm. Supplied in plastic wallet.

4 PIECES

No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	3.2, 4, 4.8 & 6.4mm	200g	-2100K	$15.80	$9.48

Automatic Centre Punches

Industrial

Light Duty
Delivers a punch when head is depressed.
Chrome vanadium tip with rubber sheathed steel body.

Length (mm)	Impact Weight (kg)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
140	1.5 - 5.0	43g	-1750K	$39.12	$25.43
Spare Point		2g	-1800K	$6.53	$4.24

Standard Duty
Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 2.25 to 13.5kg (5 to 30lb).

Length (mm)	Impact Weight (kg)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
120	2.25 - 13.5	80g	-1710K	$35.07	$22.80

Heavy Duty
Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 6.3 to 22.5kg (14 to 50lb).

Length (mm)	Impact Weight (kg)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
149	6.30 - 22.5	180g	-1720K	$94.40	$61.36

Nail Punches

Cupped and bevelled precision ground points provide accurate positioning over the nail head for efficient depression. Manufactured from hardened and tempered steel, with a knurled body for extra grip. Conform to **BS 3066**. (Hardness: heads 42 HRC. Max: points 52 - 58 HRC). Overall length: 100mm (4”).

Point Diameter (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
1.6 (1/16”)	40g	-2220K	$3.95	$2.57
2.4 (3/32”)	40g	-2230K	$3.95	$2.57
3.2 (1/8”)	40g	-2250K	$3.95	$2.57
4.0 (5/32”)	40g	-2270K	$3.95	$2.57

Square Head Centre Punches

Non-roll. Manufactured from hardened and tempered steel with a knurled body for positive grip. Precision ground 60° point for accurate marking of workpiece. Conform to **BS 3066**.

*Round headed.

Point Diameter (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100mm (4”) Overall Length				
3.2 (1/8”)	40g	-2050K	$3.95	$2.57
4.0 (5/32”)	40g	-2060K	$3.95	$2.57
4.8 (3/16”)	40g	-2070K	$3.95	$2.57
6.3 (1/4”)	40g	-2090K	$3.95	$2.57
125mm (5”) Overall Length				
6.3 (1/4”)	50g	-2110K	$9.79	$6.36
9.5 (3/8”)*	140g	-2120K	$11.34	$7.37

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Length Inserted Pin Punches

Industrial

Manufactured from chrome vanadium steel. Used for punching out pins and dowels.

Size (mm)	Overall Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
2	106	35g	-2412K	$5.99	$3.89
3	121	40g	-2413K	$5.84	$3.80
4	134	70g	-2414K	$5.65	$3.67
5	150	80g	-2415K	$5.65	$3.67
6	163	125g	-2416K	$5.84	$3.80
8	182	145g	-2418K	$7.10	$4.62

Set
Supplied in plastic wallet.
Contents: 2, 3, 4, 5, 6 and 8mm.

6 PIECES

No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
6	2, 3, 4, 5, 6 & 8mm	530g	-2420K	$32.45	$19.47

Extra Length Inserted Pin Punches

Manufactured from chrome vanadium steel.
Used for punching out pins and dowels.

Size (mm)	Overall Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
2	143	45g	-2422K	$6.57	$4.27
3	155	45g	-2423K	$6.43	$4.18
4	185	85g	-2424K	$6.20	$4.03
5	202	100g	-2425K	$6.20	$4.03
6	209	145g	-2426K	$6.43	$4.18
8	219	160g	-2428K	$7.81	$5.08
10	230	230g	-2430K	$11.03	$7.17

Set
Supplied in plastic wallet.
Contents: 2, 3, 4, 5, 6 and 8mm.

6 PIECES

No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
6	2, 3, 4, 5, 6 & 8mm	830g	-2435K	$35.60	$21.36

Straight Shank Hollow Punches

Maintenance

Manufactured from hardened carbon steel. Through body ejection of the punched material makes them ideal for punching clean edged holes in leather, wood, plastics, card and paper.

Cut Dia. (mm)	Overall Length	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
5 (3/16")	100mm	35g	-1580K	$23.01	$14.96
6 (1/4")	100mm	50g	-1581K	$23.01	$14.96
8 (5/16")	105mm	70g	-1582K	$23.14	$15.04
10 (3/8")	117mm	120g	-1583K	$23.14	$15.04
11 (7/16")	117mm	130g	-1584K	$24.62	$16.00
12 (1/2")	115mm	170g	-1585K	$25.13	$16.33
14 (9/16")	115mm	170g	-1586K	$25.69	$16.70
16 (5/8")	115mm	170g	-1587K	$28.11	$18.27
17 (11/16")	115mm	250g	-1588K	$31.59	$20.53
19 (3/4")	118mm	220g	-1589K	$31.59	$20.53
21 (13/16")	118mm	220g	-1590K	$33.95	$22.07
22 (7/8")	118mm	260g	-1591K	$33.95	$22.07
24 (15/16")	121mm	350g	-1592K	$38.88	$25.27
25 (1")	121mm	340g	-1593K	$40.68	$26.44

Hollow Punch Sets
Supplied in hardwearing PVC pocket wallets with tie fastening.

6 PIECES

No. of Pieces	Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
6	5mm (3/16") 6mm (1/4") 8mm (5/16") 10mm (3/8") 11mm (7/16") 12mm (1/2")	830g	-1600K	$124.20	$74.52
6	6mm (1/4") 8mm (5/16") 10mm (3/8") 12mm (1/2") 16mm (5/8") 19mm (3/4")	795g	-1650K	$138.00	$82.80

Reduced Shank Wad Punches

For a variety of soft materials. Can be used for cutting holes and producing clean edged discs from the material being cut.

Cut Dia. (mm)	Overall Length	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
29 (1 1/8")	175mm	460g	-1594K	$50.63	$32.91
32 (1 1/4")	175mm	420g	-1595K	$53.86	$35.01
35 (1 3/8")	205mm	690g	-1596K	$70.77	$46.00
38 (1 1/2")	205mm	675g	-1597K	$75.88	$49.32
44 (1 3/4")	210mm	315g	-1598K	$116.52	$75.74
51 (2")	210mm	730g	-1599K	$140.63	$91.41

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KENNEDY QUALITY INDUSTRIAL TOOLING Surface Gauges

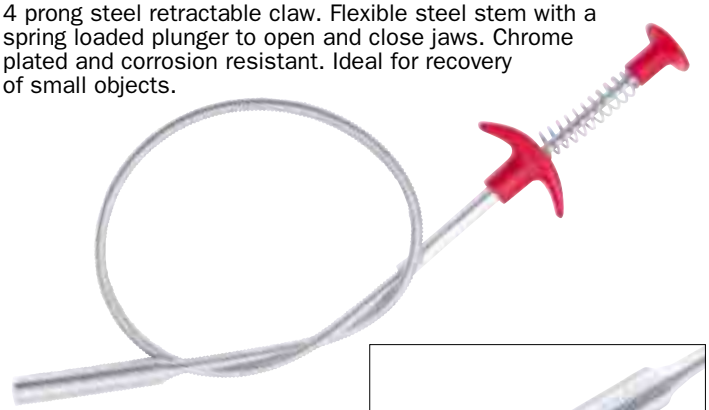
Used for marking out lines parallel to a true edge or groove, and also to mark the centre of round bars.
Machined base, two pillars, a double ended scriber and an adjustable attachment for holding scribers up to ¼" diameter on to the pillar.
The base has a machined V-groove for use on pipes and round bar and two frictionally held pins which are used as a guide when sliding along the true edge or groove.
The angle of the pillar can be finely adjusted with the use of a knurled thumb screw.
Supplied with two pillars.

Base dimensions:
80 x 30mm.

Pillar Height (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
230 & 305	1.50kg	-4300K	$113.19	$73.57

Flexible Pick Up Tool

4 prong steel retractable claw. Flexible steel stem with a spring loaded plunger to open and close jaws. Chrome plated and corrosion resistant. Ideal for recovery of small objects.



Length	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
600mm (24")		-4820K	$25.46	$16.55
900mm (36")		-4840K	$27.31	$17.75

Scribers

Industrial

Used for the marking out of fine lines on metals. Manufactured from hardened and tempered high grade steel with knurled bodies for high grip and precision ground points for accurate marking.
Available with a chisel point, pocket type, machinist's standard type, double ended, which are mainly used in conjunction with surface gauges.

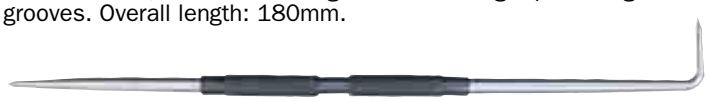
Pocket
With steel tip only, also a reversible point to prevent snagging of clothing when clipped into pocket. With knurled bodies for extra grip. Overall length: 88mm.

Description	Weight Per 5	Order Code KEN-518	List Price/1	Offer Price/1
Pocket Type with Clip	230g	-4330K	$19.95	$12.97
Scriber Point		KEN-567-6200K		$6.13

Machinists
One piece single ended for marking out in confined places. Overall length: 115mm.

Description	Weight Per 5	Order Code KEN-518	List Price/1	Offer Price/1
Machinists Standard	180g	-4350K	$8.00	$5.20

Double Ended
Double ended, ideal for marking out in hard to get places eg. grooves. Overall length: 180mm.



Description	Weight Per 5	Order Code KEN-518	List Price/1	Offer Price/1
Double Ended	300g	-4370K	$13.95	$9.07

Chisel Point & Scraper
Overall length: 180mm.

Description	Weight Per 5	Order Code KEN-518	List Price/1	Offer Price/1
Chisel Point & Scraper	320g	-4360K	$19.95	$12.97

T.C.T. Scriber

Suitable for use on glass and tiles.

Description	Weight Per 5	Order Code KEN-518	List Price/1	Offer Price/1
T.C.T. For Glass/Tiles	460g	-4200K	$16.49	$10.72

Retractable Carbide Tipped Etching Pen

For marking and scribing in hard and soft materials including steel, ceramics, plastics and timber.
Overall length: 180mm.

Description	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Retractable etching pen	70g	-4220K	$13.55	$8.81
Spare tip for etching pen		-4240K	$5.99	$3.89

KENNEDY QUALITY INDUSTRIAL TOOLING Engineer's Scrapers

Industrial

Wooden contoured handles with high grade steel blades, hardened and tempered with extremely keen cutting edges. Scrapers reduce high spots from a surface which has been previously machined or filed.

Three Square
Suitable for tool room and light engineering work. Used on small bearings and bushes and into restricted/tight angles.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518	List Price/1	Offer Price/1
100	8	320g	-2440K	$33.96	$22.07
150	10	620g	-2460K	$39.00	$25.35
205	15	1200g	-2480K	$55.00	$35.75

Flat
For use on flat surfaces and external cylindrical surfaces.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518	List Price/1	Offer Price/1
100	16	360g	-2640K	$28.95	$18.82
150	19	650g	-2660K	$32.00	$20.80
205	23	1300g	-2680K	$40.00	$26.00

Half Round
For use on hollow surfaces such as bearing linings and internal cylindrical surfaces.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518	List Price/1	Offer Price/1
100	11	330g	-2540K	$29.95	$19.47
150	16	600g	-2560K	$39.00	$25.35
205	16	1000g	-2580K	$43.00	$27.95

3 Piece Set
1 each 100mm three square, half round and 205mm flat.

3 PIECES

No of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	350g	-2850K	$72.24	$43.34

Heavy Duty Scrapers - Chrome Vanadium Steel Blade

Flat Heavy Duty Engineering Scraper (Erectors)
For heavy engineering and large jobs.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518	List Price/1	Offer Price/1
210	30	1200g	-2700K	$55.00	$35.75

Half Round Bearing Scraper
Suitable for removing high spots from bearings etc.

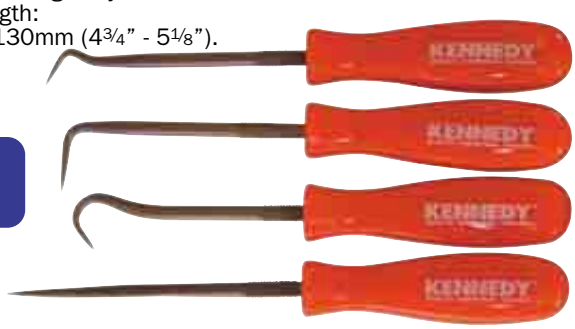
Blade Type	Length (mm)	Width (mm)	Weight (per 5)	Order Code KEN-518	List Price/1	Offer Price/1
Chrome Vanadium	230	17	1100g	-2720K	$74.00	$48.10
High Tensile Steel	100	10	320g	-2740K	$52.00	$33.80
	150	13	540g	-2760K	$55.00	$35.75
	205	14	930g	-2780K	$67.00	$43.55

Miniature Hook & Pick Set

Workshop

Includes straight pick, full hook, 90° hook and 45° hook. Ideal for use on cotter pins, keys, 'O' rings, springs and washers. Hardened and tempered chrome vanadium steel shanks with a knurled section for precise grip. Impact resistant square section handles for secure grip even when greasy.
Overall length:
120mm - 130mm (4¾" - 5⅛").

4 PIECES



Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	110g	-2900K	$20.84	$12.50

Universal Hook & Pick Set

Designed for use in automotive and engineering applications. Ideal for use in the removal of O-rings, cotter pins, seals, bushes, springs and washers. Impact resistant handles. Presented in sturdy blow moulded plastic case.

Contents;
210mm(8") hook tip,
straight tip, 90° tip
135mm(5") straight tip,
hook tip,
combination tip,
90° tip.

7 PIECES

Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
7	110g	-2920K	$46.37	$27.82

Tweezers

For workshop and home use. Cross pattern types are self closing and open only under applied pressure. High quality finish supplied singly or as a six piece set.

Flat Blade Cross Pattern

Bent Nose

Sharp Nose

Flat Blade

Needle Nose

Sharp Nose Cross Pattern

Set

Type	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Sharp Nose	115	20g	-5100K	$8.25	$5.36
Needle Nose	115	20g	-5120K	$13.65	$8.87
Flat Blade Cross	170	30g	-5140K	$15.23	$9.90
Bent Nose	145	30g	-5160K	$13.00	$8.45
Flat Blade	120	20g	-5180K	$10.38	$6.75
Sharp Nose Cross Pattern	115	20g	-5200K	$9.88	$6.42

Set of 6	Order Code KEN-518	List Price/1	Offer Price/1
1 of each above	-5250K	$53.24	$31.94

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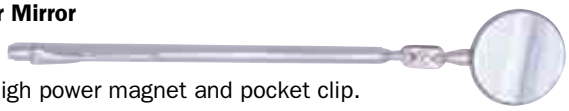
KENNEDY QUALITY INDUSTRIAL TOOLING Telescopic Shaft Inspection Mirrors

Ball and socket universally positional joint, holds the high grade distortion free mirror at any angle.
Chrome plated high polish finish telescopic shafts.

Circular Mirror



*With high power magnet and pocket clip.

Mirror Diameter	Length Closed/Open	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
30mm*	180/480mm	41g	-5380K	$19.05	$12.38

Mirror Diameter	Length Closed/Open	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
50mm	280/420mm	100g	-5420K	$28.55	$18.56

Rectangular Mirror

Mirror Size	Length Closed/Open	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
90 x 50mm	370/550mm	127g	-5460K	$29.90	$19.43

Inspection Mirrors

With flexible shafts which can be adjusted into any position. Available as standard or with light attachment. Both models have high grade distortion-free glass mirrors with chrome plated shafts. Inspection mirror with light requires 2x 'AA' batteries and has a swivel head.

Standard

Mirror Diameter	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
50mm	180g	-5400K	$36.80	$23.92

With Light Attachment

Flexible shafts which can be adjusted into any position.

Mirror Diameter	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
50 x 25mm	220g	-5500K	$53.90	$35.03

Description	Weight each	Order Code KEN-567	Offer Price/1
Spare bulb		-6400K	$1.67

Hand Magnifiers

Workshop

Plastic lightweight magnifiers. Used to provide a clear crisp enlarged image.
Used for inspection of finished parts, enlarging small text and pictures etc.

UP TO 100mm DIAMETER

Diameter	Magnification	Order Code KEN-518	List Price/1	Offer Price/1
50mm	5x	-6040K	$8.86	$5.76
75mm	4x	-6060K	$11.97	$7.78
100mm	2x	-6080K	$13.10	$8.52

Eye Loupes

Manufactured from shock resistant plastic.
Shatterproof lens.
Ideal for jewellers, watchmakers, electronics and model makers.

Clear

Description	Magnification	Order Code KEN-518	List Price/1	Offer Price/1
Loupe 31mm focal	10x	-6000K	$8.88	$5.77

Solid

Mag. Factor	Focal Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
10x	31 (1¼")	20g	-5290K	$10.08	$6.55
4.0x	63 (2½")		-5300K	$7.98	$5.19
3.5x	75 (3")	10g	-5310K	$7.98	$5.19
3.0x	90 (3½")	10g	-5320K	$7.98	$5.19

Inspection Mirror

Sheet glass mirror recessed into lightweight aluminium housing. Gives clear visibility in concealed areas.
Size: 100 x 100mm.

100mm SQUARE

Size	Order Code KEN-518	List Price/1	Offer Price/1
100mm x 100mm	-5360K	$30.60	$19.89

KENNEDY QUALITY INDUSTRIAL TOOLING Traditional Engineers Tap Wrenches

With all steel, hardened and tempered bodies, solid construction, hardened ground jaws and knurled adjustable handles for extra grip. Straight handle design provides greater leverage, especially when using larger diameter taps.
Tap sizes to **ISO 529.**

Square Size (mm)	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
2.8 - 5.0	175	110g	-8320K	$30.00	$19.50
4.0 - 10.0	275	340g	-8350K	$52.00	$33.80
4.3 - 14.0	380	590g	-8390K	$81.00	$52.65
5.3 - 17.0	480	800g	-8470K	$105.00	$68.25

Tap Wrench Set
Contents:
Square size: 1.6 - 6.4mm and 6.4 - 19.1mm.

2 PIECES

Number of Pieces	Contents (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
2	1.6 - 6.4 & 6.4 - 19.1	720g	-8480K	$61.00	$36.60

Bar Type Tap Wrenches

Ductile steel body with a knurled locking nut ensuring no loss of grip during use.

Square Size (mm)	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
1.5 - 5.0	105	60g	-8800K	$31.25	$20.31
2.0 - 7.2	156	175g	-8820K	$44.00	$28.60
2.5 - 9.0	220	375g	-8840K	$69.70	$45.30

Die Stocks

All steel drop forged solid construction for long life with knurled handles for extra grip. Designed to hold a range of different sizes of round split-adjustable dies. The three screw design easily locks die into position and maintains alignment for accurate threading resulting in clean, straight threads.

Industrial

Outside Diameter	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
13/16"	150	130g	-8070K	$18.00	$11.70
1"	210	170g	-8100K	$23.67	$15.39
1 5/16"	280	390g	-8130K	$37.44	$24.34
1 1/2"	320	400g	-8150K	$44.79	$29.11
2"	425	760g	-8200K	$66.61	$43.30

Die Stock Set Contents:
1 - 13/16" x 150mm,
1 - 1" x 210mm,
1 - 1 5/16" x 280mm.

3 PIECES

Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	600g	-8210K	$71.19	$42.71

Dual Diameter Diestocks

The bodies have a 13/16" or 1 5/16" recess on the first side that opens out to a 1" or 1 1/2" recess on the reverse to accept the four most popular o/d sizes of split dies. Suitable for holding circular split dies when producing threads. Three screw type for secure die positioning. Ductile steel body with knurled handle for positive grip and control.

Outside Diameters	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
13/16" & 1"	210	180g	-8250K	$19.01	$12.36
1 5/16" & 1 1/2"	320	320g	-8260K	$22.79	$14.81

5 Piece Tap Wrench & Diestock Set

Contents:
Diestocks
1 x 13/16",
1 x 1",
1 x 1 5/16".

Tap wrenches square size:
1 x 2.8 - 5.0mm and
1 x 4.0 - 10.0mm.

5 PIECES

Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
5	1150g	-8500K	$128.00	$76.80

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KENNEDY QUALITY INDUSTRIAL TOOLING Chuck Style Tap Wrenches

Industrial

English Type

Used in hand tapping operations and provide the reach and leverage needed for accurate tapping in tight spaces. Heavy duty ductile steel body with knurled chuck, four equalising jaws to hold the tap true and sliding T-bar which can be used when tapping against a shoulder or other obstructions. Individually boxed.

Square Size (mm)	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Standard Length					
2.0 - 2.4	50	35g	**-8860K**	$22.68	**$14.74**
3.5 - 5.0	65	95g	**-8880K**	$24.07	**$15.65**
6.0 - 8.0	90	205g	**-8900K**	$32.63	**$21.21**
Long Reach					
3.5 - 5.0	165	170g	**-8920K**	$72.03	**$46.82**
6.0 - 8.0	255	395g	**-8940K**	$92.19	**$59.92**

Japanese Type

Used in Hand Tapping operations and provide the reach and leverage needed for accurate tapping. Heavy duty ductile steel body with knurled chuck, stepped chuck jaws and four point clamping increase the range of tap sizes which can be used in the wrench fitted with a fixed T-bar. Individually boxed.

Square Size (mm)	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Slimline					
2.0 - 4.0	55	70g	**-8520K**	$10.08	**$6.55**
Standard Length					
4.0 - 5.0	60	75g	**-8550K**	$12.03	**$7.82**
4.0 - 5.5	70	110g	**-8580K**	$17.47	**$11.36**
Long Reach					
3.5 - 3.9	100	110g	**-8620K**	$22.95	**$14.92**
5.6 - 6.2	120	240g	**-8690K**	$44.35	**$28.83**

Ratchet Type Tap Wrenches

Manufactured from hardened and tempered steel, with chrome plated high polish finish. Switchable between forward and reverse coupled with the multi-positional sliding T-bar makes this tap wrench ideal for use in confined spaces. Individually boxed.

Replacement Jaws

To Suit	Order Code KEN-567	Offer Price/1
KEN-518-8720K	**-6500K**	**$10.56**
KEN-518-8750K	**-6510K**	**$14.42**

Square Size (mm)	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3.0 - 6.0	85	200g	**-8720K**	$38.87	**$25.27**
6.0 - 8.0	100	340g	**-8750K**	$51.01	**$33.16**

Pin Vices

Workshop

Manufactured from hardened steel, with reduced diameter knurled body for rapid rotation of the pin vice between the thumb and forefinger.
Ideal for holding drills, small files and wire.
The through hole construction of the body allows lengths of wire to be held.

Capacity (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
0.0 - 1.00 (83 long)	14g	**-1210K**	$25.00	**$16.25**
0.8 - 1.50 (85 long)	21g	**-1220K**	$25.00	**$16.25**
1.3 - 3.10 (90 long)	29g	**-1230K**	$31.00	**$20.15**
3.0 - 4.80 (100 long)	36g	**-1240K**	$32.00	**$20.80**

Pin Vice Set

Capacity: 0.0 - 4.8mm.

4 PIECES

Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	120g	**-1200K**	$110.00	**$66.00**

Pin Chucks

For holding small drills in lathes and larger chucks.
With three collets.

Range (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
0.25 - 2.5	40g	**-1260K**	$47.48	**$30.86**

Toolmakers Clamps

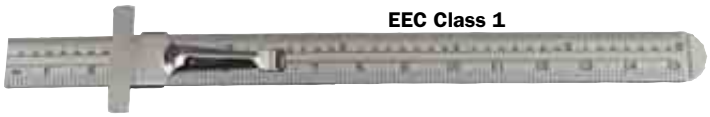
Industrial

Hardened and tempered jaws with spring tension clips.

Capacity	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
32mm	50	90g	**-4400K**	$47.13	**$30.63**
58mm	75	220g	**-4410K**	$52.10	**$33.87**
70mm	100	430g	**-4420K**	$67.55	**$43.91**
89mm	125	670g	**-4430K**	$94.83	**$61.64**

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineers' Rule Round End - Pocket Type

Spring tempered stainless steel blades. 13mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table. 12mm blade width. Can also be used as a depth gauge.



Anti Glare Satin Chrome Rustless

Scale Type	Length	Order Code KEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3510K	$8.63	$5.61

SENATOR QUALITY TOOLING — Engineers' Rule Round End - Pocket Type

Spring tempered stainless steel blades. 12mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table.

Stainless Steel Rustless

Scale Type	Length	Order Code SEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3500K	$6.53	$4.24

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineer's Steel Rules

EEC CLASS I ACCURACY

Finest quality spring tempered stainless steel. Satin chrome. Anti-glare finish with permanent black figures and graduations. Extremely easy to read. Accuracy: ± 0.2mm full scale. Constant at 20°C. Rustless.

Round End

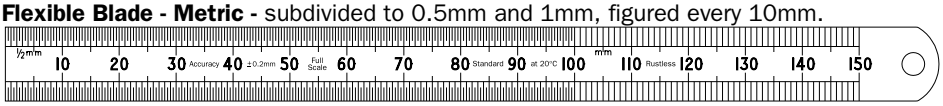
Round End - Flexible Blade

Spring tempered flexible steel blades. 12mm blade width. With hanging hole.

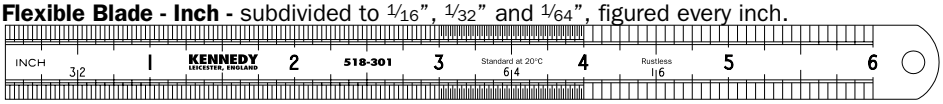
Anti Glare Satin Chrome Rustless

Scale Type	Length	Order Code KEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3010K	$11.75	$7.64
	300mm/12"	-3210K	$27.25	$17.71
Metric only	150mm	-3030K	$11.75	$7.64
	300mm	-3230K	$27.25	$17.71

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.

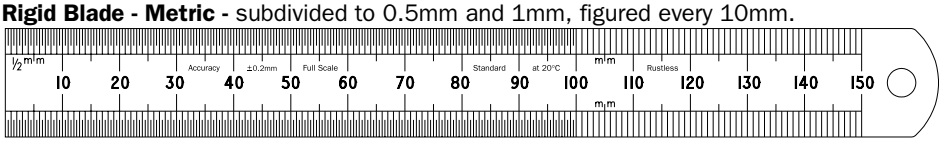


Round End - Rigid Blade

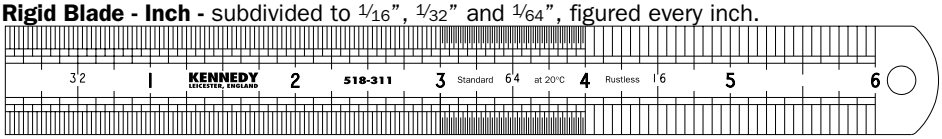
Spring tempered rigid steel blades. 150mm/6" = 19mm blade width. Other lengths = 25mm blade width. With hanging hole.

Scale Type	Length	Order Code KEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3110K	$16.23	$10.55
	300mm/12"	-3310K	$27.25	$17.71
	600mm/24"	-3710K	$45.83	$29.79
	1000mm/39"	-3910K	$168.50	$109.53
Metric only	150mm	-3130K	$16.75	$10.89
	300mm	-3330K	$32.08	$20.85
	600mm	-3730K	$42.30	$27.50
	1000mm	-3930K	$168.50	$109.53

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.



Square End

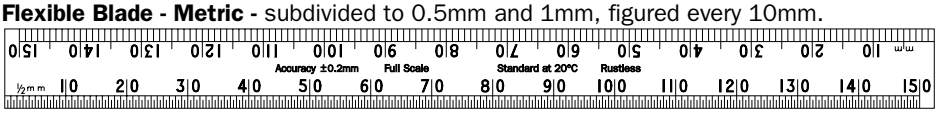
Square End - Flexible Blade

Spring tempered flexible steel blades. 12mm blade width.

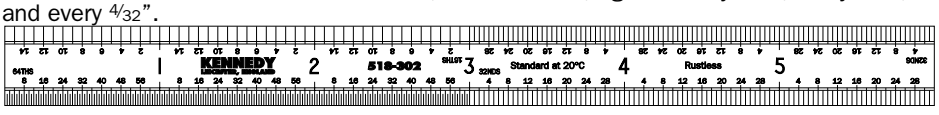
Anti Glare Satin Chrome Rustless

Scale Type	Length	Order Code KEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3020K	$11.75	$7.64

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every 8/64", and every 4/32".

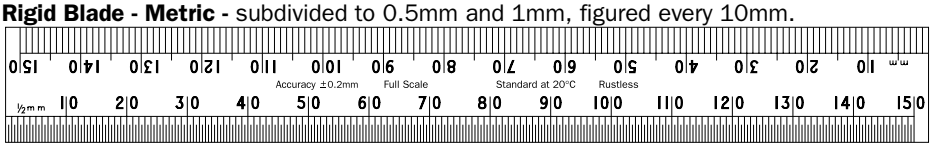


Square End - Rigid Blade

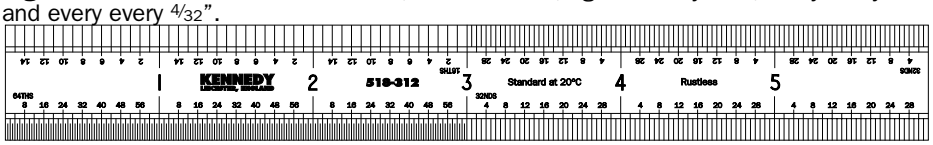
Spring tempered rigid steel blades. 150mm/6" = 19mm blade width. 300mm/12" = 25mm blade width.

Scale Type	Length	Order Code KEN-518	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3120K	$16.23	$10.55
	300mm/12"	-3320K	$27.25	$17.71

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every every 8/64", and every every 4/32".



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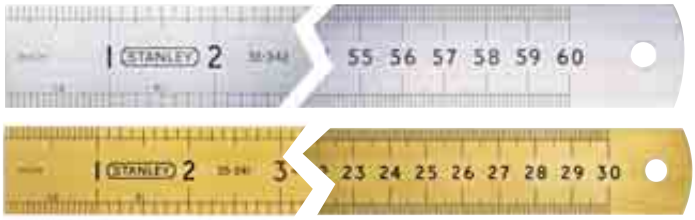
STANLEY Engineer's Steel Rules - Rounded End

Metric side graduated to mm. Imperial side graduated in 16ths (1st inch) and 8ths. EEC Class II accuracy. 25mm wide.



Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-35-340	150mm/6"	20g	-4636V	$8.74	$6.55
0-35-341	300mm/12"	75g	-4637W	$16.22	$12.16

Brass Counter Measure

Manufactured from hard rolled brass with deep etched black figures and graduations. Countersunk fixing holes.

1-35-440 **Metric** - subdivided to mm, figured cm bottom edge one side.
1-35-441 **Metric** - subdivided to mm, figured cm one edge.
Inch - subdivided to 1/8", figured 1", 1ft and 1yd.

Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-440	1m	185g	-4740K	$131.68	$98.76

Folding Steel Rule

Pattern 57
Manufactured from rustless steel.
Metric graduations conform to **BS4372: 1968**.
Metric - subdivided to mm, figured cm one side.
Inch - subdivided to 1/16", figured 1" other side.

Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-331	600mm/24"	95g	-4631K	$81.76	$61.32

STANLEY Line of Chords & Circumference

Made from hardened steel, polished and ground finish, precision etched for accurate measurement. Can be used to measure diameters up to 600mm (24") and the equivalent circumference can be read directly from the rule, totally eliminating the need for calculating the circumference. The line of chords scale on the rule, when used in conjunction with dividers allows angles to be set or measured.

Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-333	600mm	95g	-4633P	$87.64	$65.73

SENATOR QUALITY TOOLING Carpenter's Rules

Extremely lightweight extrusion made from anodised aluminium, hardened and lacquered. Graduated mm/1/8". Supplied in clear plastic wallets.

Measured Length	Weight per	Order Code SEN-518	List Price/1	Offer Price/1
150mm/6"		-3600K	$4.96	$3.22
300mm/12"		-3620K	$7.64	$4.97
600mm/24"		-3640K	$10.54	$6.85
1000mm/39"		-3660K	$15.79	$10.26

KENNEDY QUALITY INDUSTRIAL TOOLING Tapered Gauges

Industrial

These are called taper gauges only because of their shape. They do not measure tapers they are ideally suited for the rapid accurate checking of the inside diameters of tubing, slot widths, hole sizes, setting calipers etc. Manufactured from spring tempered steel. 1mm increments. Rustless. Constant at 20°C. Satin chrome anti glare finish. Permanent black figures and graduations.

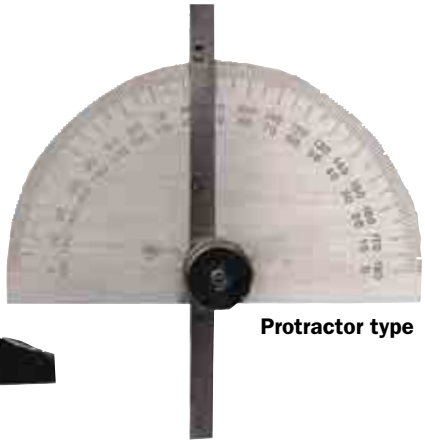
Range (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
1 - 15		-1320K	$23.25	$15.11
15 - 30		-1340K	$25.03	$16.27

Depth & Angle Gauges

Plain Type Depth Gauge
Designed for measuring flat based recesses. Consisting of a precision ground steel rule and body which are positioned at 90° to each other. The body has precision ground locating faces, with a knurled adjusting/ securing nut.

Protractor Type Depth & Angle Gauge
Manufactured from ground steel with graduations from 0° - 180° in both directions for fast and accurate measurements. When the rule is positioned to 90° on the protractor it then provides accurate measurements of depth.

Plain type



Protractor type

Size	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Plain Type				
150mm (6")	80g	-3400K	$53.30	$34.65
Protractor Type				
150mm (6")	80g	-3450K	$91.68	$59.59

KENNEDY QUALITY INDUSTRIAL TOOLING Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. Each firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip. The legs can be reversed, so the tip turns inwards or outwards. Firm joint calipers are used for scribing arcs and parallel lines by using the edge of the workpiece as a guide, and are also used for measuring from the centre point of a component.

Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100 (4”)	60g	-0530K	$37.00	$24.05
150 (6”)	80g	-0540K	$37.00	$24.05

Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. This firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip. The legs can be reversed, so the tip turns inwards or outwards. Firm joint calipers are used for scribing arcs and parallel lines by using the edge of the workpiece as a guide, and are also used for measuring from the centre point of a component.

Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
130 (5”)	55g	-0550K	$37.00	$24.05

Spring Divider & Caliper Set

Contents:
6” spring divider, 6” internal caliper and 6” external caliper.

3 PIECES

No. of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	350g	-0580K	$99.00	$59.40

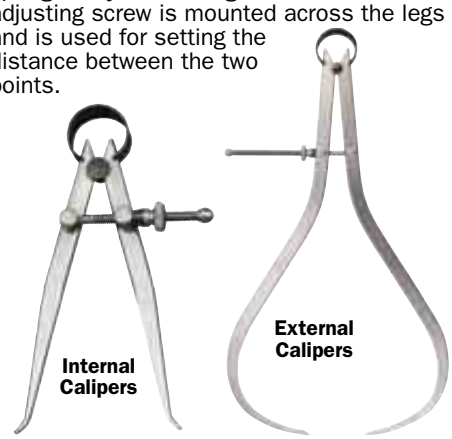
Spring Dividers

Manufactured from high quality polished steel. Ground finished points, a fine adjusting screw is mounted across the legs for setting the distance between the two points. A circular spring bow joins the legs, with a knurled extension attached for use when pivoting the dividers. Dividers are used for scribing arcs and circles, a light centre punch mark on the work keeps the pivot leg in the centre while marking.

Capacity	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
75 (3”)	50g	-0030K	$35.00	$22.75
100 (4”)	60g	-0040K	$36.00	$23.40
150 (6”)	95g	-0060K	$37.00	$24.05
200 (8”)	115g	-0080K	$55.00	$35.75
250 (10”)	180g	-0100K	$68.00	$44.20
300 (12”)	200g	-0120K	$78.00	$50.70

Internal & External Spring Calipers

Manufactured from high quality polished steel with ground finished points. A circular spring bow joins the legs and a fine adjusting screw is mounted across the legs and is used for setting the distance between the two points.

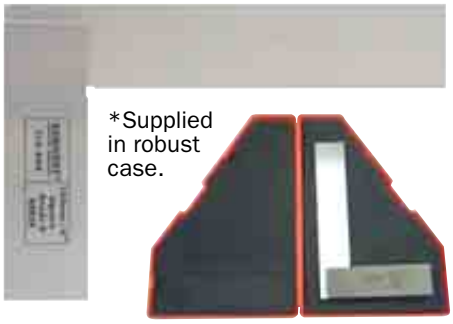


Capacity (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Internal Calipers				
75 (3”)	50g	-0230K	$37.00	$24.05
100 (4”)	50g	-0240K	$39.00	$25.35
150 (6”)	90g	-0260K	$40.00	$26.00
200 (8”)	110g	-0280K	$56.00	$36.40
255 (10”)	170g	-0300K	$69.00	$44.85
305 (12”)	195g	-0320K	$78.00	$50.70
External Calipers				
75 (3”)	50g	-0430K	$37.00	$24.05
100 (4”)	50g	-0440K	$39.00	$25.35
150 (6”)	120g	-0460K	$40.00	$26.00
200 (8”)	120g	-0480K	$56.00	$36.40
255 (10”)	190g	-0500K	$69.00	$44.85
305 (12”)	225g	-0520K	$78.00	$50.70

KENNEDY QUALITY INDUSTRIAL TOOLING Engineer’s Squares

Industrial

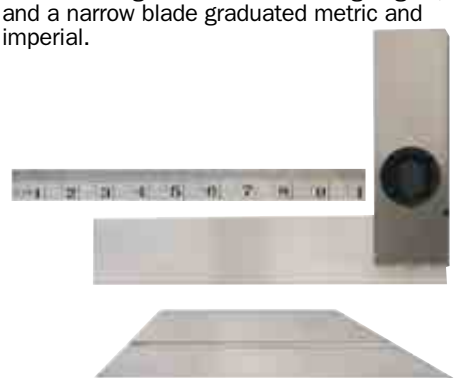
Manufactured from hardened and tempered steel. The edges are ground parallel to give the square an exact right angle on both the inside and outside of the stock and blade.
Made to BS 939. Grade B.



Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
75(3”)*	140g	-4030K	$65.00	$42.25
100(4”)*	270g	-4040K	$70.00	$45.50
150(6”)*	320g	-4060K	$75.00	$48.75
225(9”)	1400g	-4090K	$175.00	$113.75
300(12”)	2000g	-4120K	$230.00	$149.50

Adjustable Steel Squares

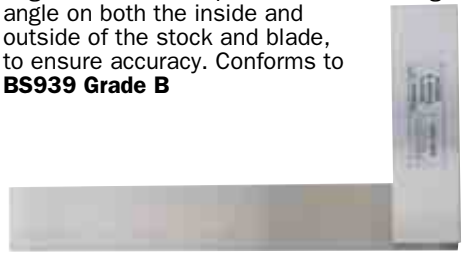
Made from hardened steel and precision ground. Supplied with three fully adjustable blades which can be set and fixed into position. One plain, parallel blade for use as a conventional engineer’s square, 30° and 45° bevel edged blade for checking angles, and a narrow blade graduated metric and imperial.



Measured Length	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100mm/4”	340g	-4150K	$81.48	$52.96
150mm/6”	410g	-4160K	$98.13	$63.78

OXFORD PRECISION Precision Engineers Squares

Manufactured from hardened steel that has been precisely ground to produce parallel edges so that the square has an exact right angle on both the inside and outside of the stock and blade, to ensure accuracy. Conforms to **BS939 Grade B**

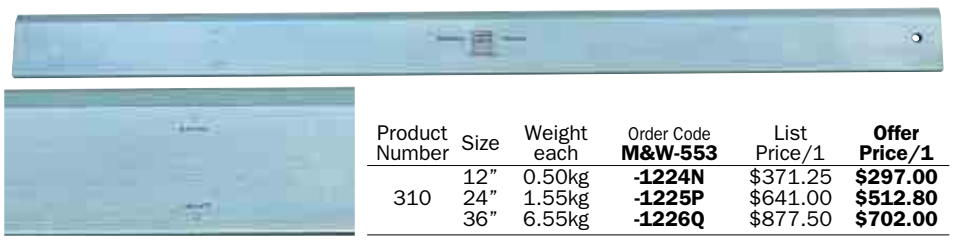


Capacity (mm)	Weight each	Order Code OXD-340	List Price/1	Offer Price/1
75 (3”)		-0030K	$45.00	$36.00
100 (4”)		-0040K	$51.00	$40.80
150 (6”)		-0060K	$55.00	$44.00
225 (9”)		-0090K	$110.00	$88.00
300 (12”)		-0120K	$154.00	$123.20

MOORE & WRIGHT Engineer’s Straight Edges

Type 310
conforms to **BS 5204 - B**

Finish ground on both sides and edges marked at supporting points on the 36” size and longer. Product number suffixed ‘B’ indicates one edge has a 30° bevel.



Product Number	Size	Weight each	Order Code M&W-553	List Price/1	Offer Price/1
310	12”	0.50kg	-1224N	$371.25	$297.00
	24”	1.55kg	-1225P	$641.00	$512.80
	36”	6.55kg	-1226Q	$877.50	$702.00

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KENNEDY QUALITY INDUSTRIAL TOOLING Edge & Centre Finders

Cylinder Type

For fast accurate work location. Made from tool steel and hardened all over, they can be used on flat surfaces, straight edges, shoulders, grooves, studs, dowels, centre points and scribed lines.

To locate an edge first secure the finder in a collet or chuck, the work table is then traversed to cause the rotating edge finder to make contact with the workpiece. ***(fig 1)***.

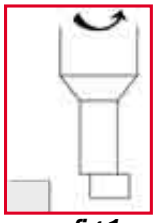


fig 1

Upon touching the workpiece the edge finder's contact point will be forced into running concentrically with the body ***(fig 2)***. Any further movement to "off-centre" will cause a distinct wobble.

fig 2

At this point, the distance from the work edge to the centre of the finder is equal to half the diameter of the contact point.

Datum lines and centre points are located using the combination edge and centre finder ***(fig 3)***.

This has a cone shaped contact point which is lowered into position barely touching the workpiece at the point you wish to measure.

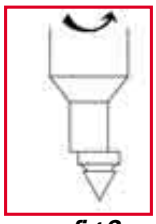


fig 3

The finder is made to run concentrically using a steel rule or straight edge ***(fig 4)***.

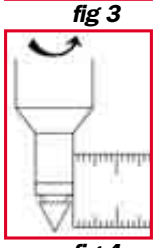


fig 4

Edge Finders

Diameters	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Shank 0.200" Body 0.375"	30g	-1410K	$23.21	$15.09
Shank 10mm Body 10mm	40g	-1420K	$24.65	$16.02
Shank 0.200" Body 0.500"	40g	-1430K	$29.86	$19.41

Edge & Centre Finders

Combination

Diameters	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Shank 0.200" Body 0.500"	50g	-1440K	$34.36	$22.33
Shank 0.200" Body 0.375"	30g	-1450K	$33.08	$21.50
Shank 5mm Body 12mm	40g	-1445K	$34.36	$22.33

Double Edge

Diameters	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Shank 0.200" Body 0.500"	60g	-1460K	$26.71	$17.36

Plain Edge

Diameters	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Shank 0.500" Body 0.500"	60g	-1470K	$27.43	$17.83
Shank 12mm Body 12mm	50g	-1480K	$27.43	$17.83

Edge & Centre Finder -5 Piece Set

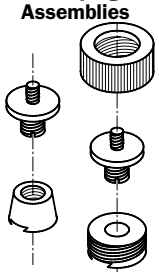
Consists of a chuck body and four contact arms. Designed to check 'run-out' or concentricity, straightness and alignment. Will indicate the position of a datum point on a component or fixture from the centre line of a machine spindle. Suitable for use on drill presses, lathes, milling machines, borers etc.

Chuck Body:
Held in the spindle using a suitable drill chuck or collet chuck ***(fig 1).*** The contact arms are retained in position using the knurled collar which lightly clamps the ball joint inside the body. Arms may be exchanged without the need to remove the body from the machine spindle.

fig 1

Universal Indicator Holder
The detachable end will allow clamping with 2 and 3 piece dovetail clamping assemblies and when removed will fit standard ¼" side clamp. This uses the spindle centre line to align component bores or spigots, check the flatness or squareness of workpieces or fixturing and check run-out of components. The spindle should only be rotated manually to avoid damaging the dial test indicator ***(fig 1).***

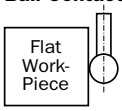
Clamping Assemblies



2 Piece 3 Piece

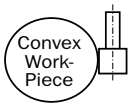
Needle Point
To lightly mark out lines and positions on a component as a guide to subsequent operations, using the machine's dials or digital read-out to position the scriber point *(not illustrated).*

Ball Contact .250"



Used to find a datum point .125" ± .0005" away from a flat surface.

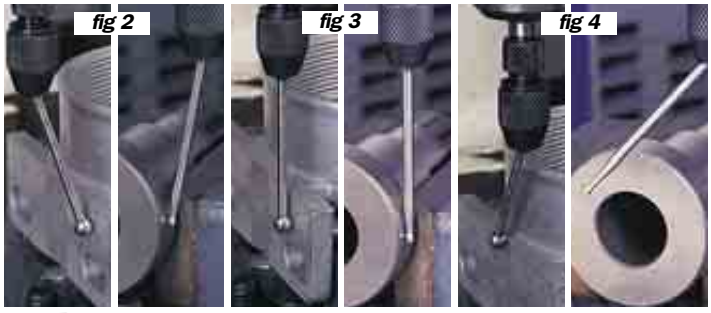
Disc Contact .100"

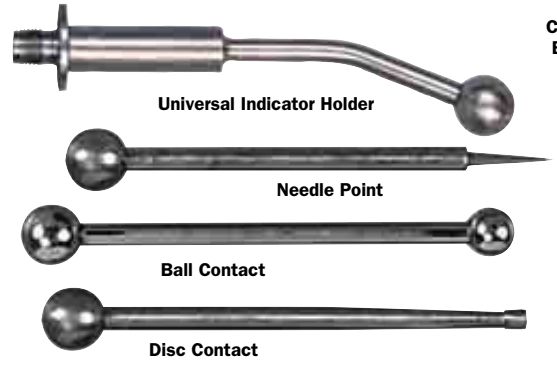


Used to find a datum point .050" ± .0005" away from a convex surface.

Position the contact arm in line, but slightly away from the surface to be aligned. When finding the surface of a diameter, the 'Disc' must be positioned as near to the centre of that diameter as possible. Run the spindle between 200 and 500 revs/min. The table or spindle is then moved slowly, to bring the contact arm closer to the surface to be aligned. The contact arm will tap lightly against the surface ***(fig 2)*** the movement of the arm will become less and less the nearer the datum point gets to the spindle centre line ***(fig 3).*** When the arm stops spinning in a straight line and starts to 'jump', this indicates the datum point ***(fig 4):***

½ contact dia + Edge = Centre ½ contact dia - Centre = Edge



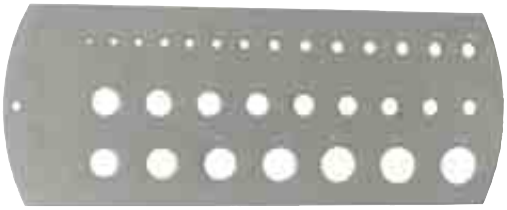


Contents	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
As Above	130g	-1500K	$42.23	$25.34

KENNEDY QUALITY INDUSTRIAL TOOLING Drill Gauges

Manufactured from hardened steel with a satin finish. An ideal way to quickly measure the diameter of drills and steel wire.

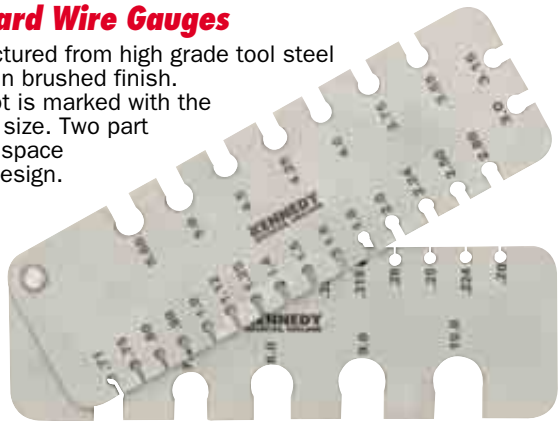
1.5 - 12.5mm with Drill Rod Gauge
30 holes for measuring drills from 1.5 - 12.5mm, with metric sizes and decimal equivalents.



Range of sizes	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
No. 1 - 60 gauge	85g	-1100K	$54.60	$35.49
1.5 - 12.5mm	140g	-1130K	$74.00	$48.10

Standard Wire Gauges

Manufactured from high grade tool steel with satin brushed finish. Each slot is marked with the nominal size. Two part pivoting space saving design.



Range of sizes	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
1 - 36SWG		-1160K	$95.00	$61.75
0.2 - 10.0mm		-1165K	$95.00	$61.75

Telescopic Gauges

Workshop

With knurled satin finish bodies providing positive adjustment of the hardened and radius ground plungers ensuring accurate measurement of the internal diameter when used with a micrometer. For smaller diameter measurements use the small hole gauge.

Set of 6
Supplied in a size marked PVC storage wallet, with stud fastening. Contains 1 of each size A - F inclusive.

6 PIECES

Set Range	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
8 - 150mm (5/16" - 6")	425g	-1180K	$158.13	$94.88

Individual Gauges

Size mm	Range mm	Range inch	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
A	8 - 12	5/16"- 1/2"	115	30g	-1174K	$23.81	$15.48
B	12 - 19	1/2"- 3/4"	115	30g	-1175K	$27.03	$17.57
C	19 - 32	3/4"- 1 1/4"	115	30g	-1176K	$27.03	$17.57
D	32 - 54	1 1/4"- 2 1/8"	137	60g	-1177K	$32.63	$21.21
E	54 - 90	2 1/8"- 3 1/2"	137	70g	-1178K	$32.63	$21.21
F	90 -150	3 1/2"- 6"	137	80g	-1179K	$32.63	$21.21

Screw Cutting Gauge

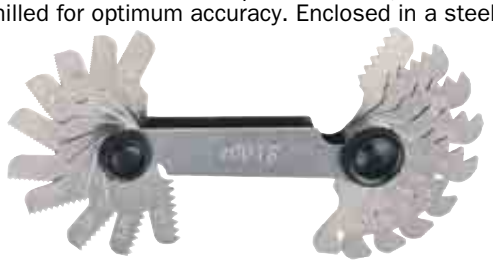
Industrial

Manufactured from hardened and polished steel to check BA, Whitworth and BSF, Acme and American Screw Threads. Angles: 60° American and Metric, 55° Whit and BSF, 47 1/2° BA and 14 1/2° ACME.

Angles	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
60°, 55°, 47 1/2°, 14 1/2°	85g	-0800K	$14.90	$9.69

Screw Pitch Gauges

Ideal for accurately measuring internal and external thread forms. Manufactured from hardened and polished steel, the blades are precision milled for optimum accuracy. Enclosed in a steel case.



Type	No. of Blades	Range of sizes	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
55° Whitworth	28	4 to 62 TPI	50g	-1000K	$40.76	$26.49
60° Metric	20	0.75 to 6mm	40g	-1010K	$36.04	$23.43
60° American	30	4 to 42 TPI		-1070K	$47.52	$30.89

Radius Gauges

Manufactured from hardened and polished steel, the blades are precision milled for optimum accuracy when measuring internal and external radii. Enclosed in a steel case.

No. of Blades	Range of sizes	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
34	1.0 to 3.0 x .25 3.5 to 7.0 x .5	70g	-0820K	$29.59	$19.23
32	7.5 to 15.0 x .5	80g	-0850K	$47.17	$30.66
32	17/64" to 1/2" x 1/64"	120g	-0940K	$47.17	$30.66
30	15.5 to 20.0 x .5 21.0 to 25.0 x 1	95g	-0890K	$47.17	$30.66
30	1/32" to 1/4" x 1/64"	70g	-0920K	$30.30	$19.70

Small Hole Gauge Set

Range 3mm (1/8") to 13mm (1/2")
Ideal for measuring slots, holes, grooves and recesses. The satin finished knurled handle allows fine adjustment of the gauge within the workpiece. The split ball contacts are hardened for greater accuracy and longer tool life. Use in conjunction with a micrometer to accurately measure internal dimensions. For holes, slots and recesses beyond the range of the small hole gauges use Kennedy telescopic gauges.
Contents: 90, 99, 110 and 110mm overall length.

4 PIECES

No. of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
4	130g	-1150K	$92.42	$55.45

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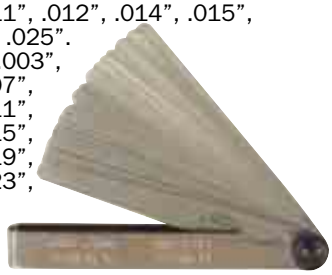
KENNEDY QUALITY INDUSTRIAL TOOLING Feeler Gauges

Quality industrial with hardened and polished taper blades, enclosed in a steel case. Blades are clearly marked for easy identification.

Metric:
Manufactured to **BS 957 : 1969 Part 1 (**Metric).
Range:
10 Blade:- .05, .10, .15, .20, .30, .40, .50, .60, .70, and .80mm.
13 Blade:- .05, .1, .15, .2, .25, .3, .4, .5, .6, .7, .8, .9 and 1mm.
20 Blade:- .05, .1, .15, .2, .25, .3, .35, .4, .45, .5, .55, .6, .65, .7, .75, .8, .85, 9, .95 and 1mm.

Number of Blades (mm)	Blade Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
10	100	55g	-0710K	$30.00	$19.50
13	100	70g	-0740K	$38.00	$24.70
20	100	100g	-0780K	$52.00	$33.80

Inch:
Manufactured to **BS 957 : 1941 Part 1** (Inch).
Range:
10 Blade:- .0015", .002", .003", .004", .006", .008", .010", .012", .015" and .025".
18 Blade:- .0015", .002", .0025", .004", .005", .006", .007", .008", .009", .010", .011", .012", .014", .015", .019", .020", .024" and .025".
26 Blade:- .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024" and .025".



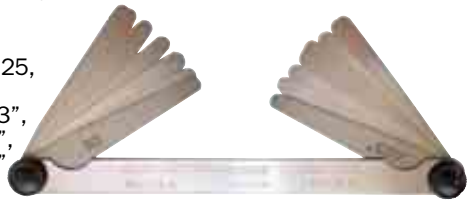
No of Blades (Inch)	Blade Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
10	100	40g	-0610K	$30.00	$19.50
18	100	65g	-0650K	$45.00	$29.25
26	100	90g	-0690K	$60.00	$39.00

Double Ended Feeler Gauge

Quality industrial with hardened and polished taper blades, enclosed in a steel case. Blades are clearly marked for easy identification.

Metric & Inch:
Manufactured to **BS957:1941 Part 1** (Inch) and **BS957:1969 Part 1** (Metric).

Range:
18 Blade:-
0.05, 0.1, 0.15, 0.2, 0.25, 0.3, 0.4 and 0.5mm.
0.0015", 0.002", 0.003", 0.004", 0.006", 0.008", 0.010", 0.012", 0.015" and 0.025".



No. of Blades (mm & Inch)	Blade Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
18	75	60g	-0790K	$42.00	$27.30

SENATOR QUALITY TOOLING Double Ended Feeler Gauge

Industrial quality with hardened and polished blades which fold into a steel case. Each blade is etched with its size for ease of use. 18 blades cover metric and inch sizes.
Manufactured to **BS957:1941 Part 1** (Inch) and **BS957:1969 Part 1** (Metric).

18 Blade:-
Metric Range:- 0·05, 0·1, 0·15, 0·2, 0·25, 0·3, 0·4 and 0·5mm.
Inch Range:-
0·0015", ·002", ·003", ·004", ·006", 0·008", ·010", ·012", ·015" and ·025".

Blade Length (mm)	Weight each	Order Code SEN-518	List Price/1	Offer Price/1
75	60g	-5790K	$15.06	$9.79

KENNEDY QUALITY INDUSTRIAL TOOLING Feeler Stock Strip

These gauges are widely used in automotive, aviation, diesel and farm equipment manufacture and service, and also in jig, fixture, gauge and experimental work.

Inch sizes are 12" long, 1/2" wide and furnished in 32 different thicknesses ranging from ·001 - ·025". Millimetre sizes are furnished in 300mm lengths, 12·7mm wide in 14 different thicknesses ranging from 0·03-0·50mm.

Rounded ends - no ragged edges make stock easier to work with. Each piece marked with thickness and in individual envelope, with convenient 3/16" (5mm) hole punched in the end for hanging.

Thickness (mm)	Weight per 10	Order Code KEN-519	List Price/1	Offer Price/1
12.7mm x 300mm				
0·03	15g	-1030K	$11.42	$9.71
0·04	15g	-1040K	$9.62	$8.18
0·05	15g	-1050K	$9.90	$8.41
0·06	20g	-1060K	$9.90	$8.41
0·08	25g	-1080K	$9.90	$8.41
0·10	30g	-1100K	$9.90	$8.41
0·15	45g	-1150K	$9.90	$8.41
0·20	60g	-1200K	$9.90	$8.41
0·25	75g	-1250K	$9.90	$8.41
0·30	80g	-1300K	$11.04	$9.38
0·40	120g	-1400K	$11.04	$9.38
0·50	150g	-1500K	$11.04	$9.38
1/2" x 12"				
0·001"	60g	-0020K	$10.36	$8.81
0·0015"	20g	-0030K	$6.25	$5.31
0·002"	20g	-0040K	$6.25	$5.31
0·0025"	20g	-0050K	$6.25	$5.31
0·003"	30g	-0060K	$6.25	$5.31
0·004"	40g	-0080K	$5.25	$4.46
0·005"	40g	-0100K	$5.25	$4.46
0·006"	40g	-0120K	$5.25	$4.46
0·007"	60g	-0140K	$4.38	$3.72
0·008"	70g	-0160K	$4.38	$3.72
0·009"	70g	-0180K	$4.38	$3.72
0·010"	80g	-0200K	$4.38	$3.72
0·012"	90g	-0240K	$4.38	$3.72
0·015"	110g	-0300K	$4.38	$3.72
0·020"	150g	-0400K	$4.94	$4.20
0·025"	200g	-0500K	$4.94	$4.20

Feeler Stock Coil

This handy product is housed in convenient rewindable dispenser rolls. Having the thickness stock in a case makes it very useful for cutting off the required length for adjusting tappets, spark plugs, distributor points, checking bearing clearances and gear play, fitting pistons, rings and pins, gauging narrow slots, etc. The stock is also useful for shimming in fixture and die work. Supplied in a compact, sturdy plastic rewindable dispenser case. Rewind feature, minimises accidental damage. Made of the finest tempered steel, marked every 6" or 150mm with a line, thickness in thousandths of an inch or in hundredths of a mm. The case provides the ability to snip off the desired length without any waste.

Thickness (mm)	Weight each	Order Code KEN-519	List Price/1	Offer Price/1
12.7mm x 6m				
0·03	60g	-3030K	$187.39	$159.28
0·04	70g	-3040K	$81.66	$69.41
0·05	75g	-3050K	$81.66	$69.41
0·10	110g	-3100K	$81.66	$69.41
0·20	230g	-3200K	$69.42	$59.01
0·50	390g	-3500K	$77.35	$65.75
1/2" x 25ft				
0·001"	100g	-2020K	$187.39	$159.28
0·0015"	60g	-2030K	$81.66	$69.41
0·002"	70g	-2040K	$81.66	$69.41
0·003"	90g	-2060K	$81.66	$69.41
0·004"	110g	-2080K	$81.66	$69.41
0·005"	135g	-2100K	$81.66	$69.41
0·006"	150g	-2120K	$81.66	$69.41
0·010"	220g	-2200K	$69.42	$59.01
0·015"	360g	-2300K	$81.66	$69.41
1/2" x 20ft				
0·020"	430g	-2400K	$77.35	$65.75
0·025"	500g	-2500K	$77.35	$65.75

RUTLAND Quality Gardening Tools

A high quality product that is suitable for use in garden centres, parks, sports areas industrialgardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips.

Maintenance

Garden Spades

Carbon Steel blades.
Deep sockets and swan necks for improved strength, polypropylene "YD" handles and bend resistant shafts.

Border
SBC235
Wooden shaft and plastic handle.
Overall length: 940mm
Blade size: 235 x 140mm.

Digging
SBC290
Wooden shaft and plastic handle.
Overall length: 1010mm.
Blade size: 290 x 180mm.

Long Socket
SBL290
Plastic shaft, soft grip plastic handle and long socket.
Overall length: 1080mm.
Blade size: 290 x 180mm.

CARBON STEEL

For Gloves
See Group 961

For 1000V Tested Spades
See Group 534

Product Number	Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
SBC235	Border		-4360K	$15.97	$12.46
SBC290	Digging		-4310K	$17.49	$13.64
SBL290	Digging		-4410K	$16.38	$12.78

Garden Spades

Polished and ground stainless steel blades with deep sockets and swan neck for improved strength.
Bend resistant.
Polypropylene 'YD' handles and shafts.

Digging
SDS180
Suitable for general application.
Blade width: 180mm.
Overall length: 1030mm.

Border
SDB150
Suitable for use in confined areas of the garden.
Blade width: 150mm.
Overall length: 910mm.

Product Number	Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
SDS180	Digging	2.1kg	-2510K	$32.50	$25.35
SDB150	Border	1.7kg	-2560K	$32.50	$25.35

SPEAR & JACKSON

Garden Spade

CGSP1
1.6mm Carbon Steel Head,
Timber Shaft - Reinforced Collar,
Head Size - 305mm x 190mm

Type	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
Spade		-9513P	$22.94	$18.35

28" Garden Spade

7301DS
Heat treated (hardened) stainless steel head and stirrup for strength and durability.
Mirror polished stainless steel head for rust resistance and minimal soil adhesion.
Tubular stainless steel shaft for rust resistance.
Soft feel lower shaft for comfortable safe use and extra grip.
Large soft-feel handle for a comfortable 2-handed grip when digging in hard ground.
Head Size - 300mm x 180mm

Ergonomic forward tilting handle for comfortable use at the ideal digging angle.

STAINLESS STEEL

Centralised foot tread
- reduces slippage and unbalancing
- delivers more digging power
- with less muscle effort and strain.

Type	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
Spade		-7301D	$68.94	$55.15

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SPEAR & JACKSON

Garden Fork With "D" Handle

SJ-CGF1
Carbon Steel Head.
Timber Shaft -
Reinforced Collar,
Head Size -
320mm x 200mm

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SJ-CGF1		-9501B	$22.94	$18.35

RUTLAND Quality Gardening Tools

Garden Forks

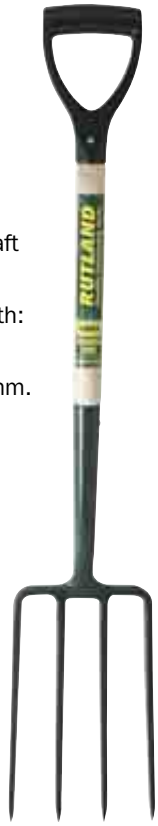
Maintenance

A high quality product that is suitable for use in garden centres, parks, sports areas industrial gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips.

Carbon steel blades and plastic handles.

Border
FBC235
Wooden shaft and plastic handle.
Overall length: 955mm.
Blade size: 235 x 140mm.

Digging
FDC300
Wooden shaft and plastic handle.
Overall length: 1010mm.
Blade size: 300 x 185mm.



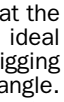
Digging
Long Socket
FLC300
Plastic shaft, soft grip plastic handle.
Overall length: 1080mm.
Blade size: 300 x 180mm.

Product Number	Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
FBC235	Border		-4350K	$15.97	$12.46
FDC300	Digging		-4300K	$17.49	$13.64
FLC300	Digging		-4400K	$15.82	$12.34

"E-Series" Digging Fork

7302DF
Heat treated (hardened) stainless steel head and stirrup for strength and durability.
Mirror polished stainless steel head for rust resistance and minimal soil adhesion.
Tubular stainless steel shaft for rust resistance.
Soft feel lower shaft for comfortable safe use and extra grip.
Large soft-feel handle for a comfortable 2-handed grip when digging in hard ground.
Head Size -
300mm x 180mm.

Ergonomic forward tilting handle for comfortable use at the ideal digging angle.



Centralised foot tread
- reduces slippage and unbalancing
- delivers more digging power
- with less muscle effort and strain.

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
7302DF		-7302D	$68.94	$55.15

Garden Forks

With soft grip "D" handle

ERGO-F
"ERGO" Digging fork.
Mirror Polished Stainless Steel Head, Ergonomic Polypropylene Shaft, Head Size - 285mm x 180mm

FOR/60FG
Carbon Steel Head, Fibreglass Shaft, Reinforced Collar Head Size - 320mm x 200mm

Type	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
ERGO-F		-9550E	$51.75	$41.40
FOR/60FG		-9560Q	$51.69	$41.35

Garden Forks

Polished and ground stainless steel prongs with deep sockets and swan neck for improved strength. Bend resistant.
Polypropylene 'YD' handles and shafts.

Digging
FDS180
Suitable for general application.
Blade width: 180mm.
Overall length: 1000mm.

Border
FBS140
Suitable for use in confined areas of the garden.
Blade width: 140mm.
Overall length: 910mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Digging	1.90kg	-2500K	$32.50	$25.35
Border	1.60kg	-2550K	$32.50	$25.35

RUTLAND Quality Gardening Tools

A high quality product that is suitable for use in garden centres, parks, sports areas, industrial gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips.

Maintenance

Draw Hoe

Blade width: 140mm.
Overall length: 1550mm.

Dutch Hoe

Blade width: 128mm.
Overall length: 1600mm.

Edging Knife

Blade width: 215mm.
Overall length: 930mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Draw Hoe		-2770K	$27.70	$21.61
Edging Knife		-2700K	$27.70	$21.61
Dutch Hoe		-2750K	$27.70	$21.61

Garden Rake

Blade width: 300mm.
Overall length: 1570mm.

3 Prong Cultivator

Blade width: 90mm.
Overall length: 1620mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Rake		-2800K	$27.70	$21.61
Cultivator		-2840K	$27.70	$21.61

Carbon Steel Hoes

Carbon steel blades with aluminium shafts and soft grip rubber handles.

Dutch Hoe

Blade width: 128mm.
Overall length: 1530mm.

Draw Hoe

Blade width: 140mm.
Overall length: 1410mm

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Dutch		-4800K	$11.17	$8.71
Draw		-4820K	$11.17	$8.71

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RUTLAND Quality Gardening Tools

Maintenance

A high quality product that is suitable for use in garden centres, parks, sports areas, industrial gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips.

Carbon Steel Gardening Tools

Carbon steel blades, have aluminium shafts and soft grip rubber handles.

CARBON STEEL

Garden Rake
Blade width: 295mm.
Overall length: 1530mm.

Lawn Rake
Blade width: 440mm.
Overall length: 1530mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Garden Rake		-4900K	$12.00	$9.36
Lawn Rake		-4920K	$12.77	$9.96

Premier Gardening Set

Contents:
Stainless steel hand trowel, weeding fork and bulb planter. Digging spade and fork, stainless steel blades/prongs with deep sockets, bend resistant with polypropylene 'YD' handles and shafts. Garden rake and dutch hoe both with stainless steel heads, steel handles and PVC grips. Bypass secateurs with contoured rubber grip - max cutting diameter 25mm. Heavy duty tough woven polythene garden bag with 170 litre capacity. 1 pair of heavy duty Canadian rigger gloves size 10.

10 PIECES

Description	Order Code RTL-522	List Price/1	Offer Price/1
10 Piece Gardening Set	-9120K	$122.39	$90.57

Country Gardening Set

Contents:
Carbon steel hand trowel, weeding fork and bulb planter. Digging spade and fork, both with ground carbon steel blades/prongs with deep sockets, bend resistant with polypropylene 'YD' handles and shafts. Garden rake, dutch hoe and lawn rake all with carbon steel heads, aluminium handles and soft rubber grips. Bypass secateurs with contoured rubber grip - max cutting diameter 25mm. Heavy duty tough woven polythene garden bag with 170 litre capacity. 1 pair of heavy duty Canadian rigger gloves size 10.

11 PIECES

Description	Order Code RTL-522	List Price/1	Offer Price/1
11 Piece Gardening Set	-9100K	$94.49	$69.92

Pruning Set

Contents:
Triangular bow saw, 460mm overall length. Bypass loppers with powder coated round tubular steel handles and foam rubber grips, maximum cutting diameter 60mm. Heavy duty hedge shears with anti-jam shock absorbers. Heavy duty bypass secateurs with textured rubber grip, max cutting diameter 25mm. Folding pruning saw with push button locking, 200mm blade length. Carbon steel hand trowel and weeding fork. Heavy duty tough woven polythene garden bag with 170 litre capacity. 1 pair of heavy duty Canadian rigger gloves size 10.

9 PIECES

Description	Order Code RTL-522	List Price/1	Offer Price/1
9 Piece Pruning Set	-9140K	$104.97	$77.68

RUTLAND Quality Gardening Tools

Maintenance

Bypass Secateurs

Bypass secateurs with a non-clogging telescopic spring and single handed locking mechanism.

Standard Duty
Contoured rubber grip handles.
Maximum cutting diameter: 25mm.
Overall length: 200mm.

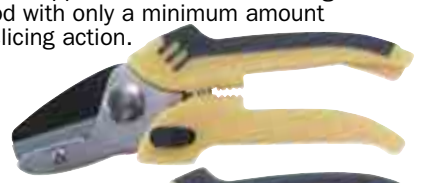
Heavy Duty
Textured rubber grip handles.
Overall length: 215mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Standard Duty		-1600K	$10.15	$7.92
Heavy Duty		-1750K	$14.52	$11.33

Pruning Shears

Spring loaded, with contoured grips and blade locking mechanism.
Overall length: 200mm.

Anvil Action
The anvil secateur is designed for cutting old, hard and deadwood. The anvil supports a wide area of the branch while the sharp narrow upper blade is forced through the wood with only a minimum amount of slicing action.



Bypass Action

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Anvil Action		-2050K	$17.80	$13.88
Bypass Action		-2100K	$17.80	$13.88

Flora Secateur

Long nose secateurs for delicate pruning jobs. Textured cushioned grip for user comfort.
Maximum cutting diameter: 30mm.

Overall Length	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
180mm		-1550K	$15.56	$12.14

Single Hand Grass Shears

Spring loaded non-stick blades, blade rotation with locking mechanism. For left or right hand use.

360° Blades Rotate
Overall blade length: 200mm.

Blade Rotation	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
360°		-2020K	$16.06	$12.53

Hedge Shears

Plastic handles fitted with 'anti-jam' shock absorbers. Blades can be separated for regrinding.

Overall Length	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
500mm	1.20kg	-2150K	$24.55	$19.15

Heavy Duty Hedge Shears

Round tubular steel powder coated handles with rubber foam grips. Fitted with 'anti-jam' shock absorbers.
Blades can be separated for regrinding.

Overall Length	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
600mm	1.20kg	-2350K	$29.95	$23.36

Carbon Steel Fork & Trowel

Hammered epoxy coated carbon steel blades. Varnished wooden handles.
Hand trowel:
285 x 87mm.

Weeding fork:
285 x 80mm.

Graduated bulb planter:
290 x 63mm.

Overall dimensions:
W205 x D60 x H310mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Hand Trowel	200g	-4210K	$4.83	$3.77
Weeding Fork	230g	-4200K	$4.83	$3.77
Bulb Planter	235g	-4220K	$4.83	$3.77

Set

No. of Pieces	Contents	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
3	As above	900g	-4250K	$13.95	$10.32

RUTLAND Quality Gardening Tools

Stainless Steel Fork & Trowel

Stainless steel blades with plastic handles.
Hand trowel: 300 x 81mm.

Weeding fork:
270 x 76mm.

Graduated bulb planter:
300 x 65mm.

Overall dimensions: W205 x D60 x H310mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Hand Trowel	255g	-2410K	$10.00	$7.80
Weeding Fork	170g	-2400K	$10.00	$7.80
Bulb Planter	205g	-2420K	$10.00	$7.80

Set

No. of Pieces	Contents	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
3	As above	825g	-2450K	$28.50	$21.09

Beechwood Handled Tools

Hammered epoxy coated steel blades. With long pattern handles.
Rake Overall length: 330mm.

Transplanter
Overall length: 358mm. Width: 56mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Rake	220g	-1850K	$8.08	$6.30
Transplanter	225g	-1950K	$4.83	$3.77

SPEAR & JACKSON

Carbon Steel Tools

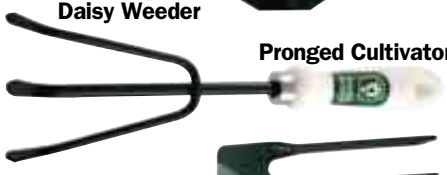
Carbon Steel Heads, PVC Handles.

Hand Trowel

Transplanting Trowel

Daisy Weeder

Pronged Cultivator



Hand Fork

Type	Order Code S&J-522	List Price/1	Offer Price/1
Hand Trowel	-9581N	$5.18	$4.14
Transplanting Trowel	-9582P	$5.18	$4.14
Daisy Weeder	-9583Q	$5.18	$4.14
Pronged Cultivator	-9584R	$5.18	$4.14
Hand Fork	-9585S	$5.18	$4.14

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RUTLAND Anvil & Bypass Loppers

Maintenance

All with powder PVC coated, round tubular steel handles and foam rubber grips.

Heavy Duty Anvil Action
The anvil lopper is designed for cutting old, hard and deadwood. Compound jaw action. Maximum cutting diameter: 60mm. Overall length: 730mm.

Bypass
The bypass lopper is designed for cutting live (green) wood or stems. For accurate pruning and clean cuts. Compound jaw action. Maximum cutting diameter: 60mm. Overall length: 760mm

Heavy Duty Bypass
The bypass lopper is designed for cutting live (green) wood or stems. For accurate pruning and clean cuts. Compound jaw action. Maximum cutting diameter: 50mm. Overall length: 760mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Heavy Duty Anvil	1.35kg	-2200K	$35.72	$27.86
Bypass Action	1.20kg	-2250K	$38.41	$29.96
Heavy Duty Bypass	1.35kg	-2300K	$48.50	$37.83

Folding Pruning Saw

Contoured grip with push button locking mechanism. Overall length: Closed: 230mm. Opened: 440mm.

Overall Length	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
440mm	240g	-6600K	$12.68	$9.89

BAHCO Folding Pruning Saw

Folding pruning saw with special patented toothing for a fast cut in hard or dry wood. Safety lock both in opened and closed position.

Product Number	Length (mm)	Order Code BAH-522	List Price/1	Offer Price/1
396HP	405	-2195K	$42.30	$33.84

Folding Pruning Saw

Folding pruning saw with special toothing for soft or green wood for fast and clean cut. Safety lock in both open and closed position.

Product Number	Length (mm)	Order Code BAH-522	List Price/1	Offer Price/1
396JT	405	-2196L	$47.20	$37.76

Pole Pruning Saw

383-6T
Pole pruning saw with steel tube handle to be used with a 25mm (1") diameter extension pole.
(Fits Bahco poles AP-2.7M, AP-3M, AP-5 and FP-3M.) Hard Point teeth.

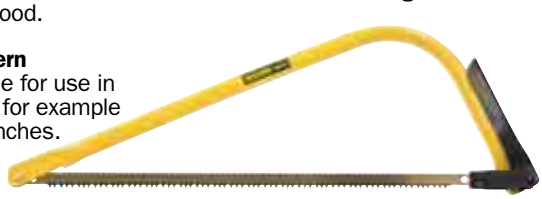
Product Number	Length (mm)	Order Code BAH-522	List Price/1	Offer Price/1
383-6T		-1685S	$39.50	$31.60

RUTLAND Bow Saws

Maintenance

All models feature lever tension handles for rapid blade change and rigid oval section frames. Suitable for cutting dry and green wood.

Triangular Pattern
Low profile frame for use in confined areas, for example among tree branches.



Loggers Pattern
Full frame suitable for heavier sawing of logs, tree trunks etc.

Type	Blade Length (mm)	Throat Length	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Triangular	460 (18")	-	480g	-7180K	$9.00	$7.02
Logging	530 (21")		480g	-7210K	$9.56	$7.46
Triangular	530 (21")	-	540g	-7310K	$9.72	$7.58
Logging	610 (24")	180mm	700g	-7340K	$11.39	$8.88
Logging	760 (30")	230mm	820g	-7400K	$12.31	$9.60

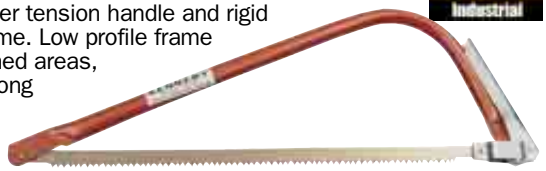
Replacement Blades

Blade Length (mm)	Weight per 10	Order Code RTL-522	List Price/1	Offer Price/1
460 (18")	505g	-7910K	$3.79	$2.96
530 (21")	560g	-7930K	$4.01	$3.13
610 (24")	750g	-7950K	$4.20	$3.28
760 (30")	850g	-7970K	$4.81	$3.75

KENNEDY QUALITY INDUSTRIAL TOOLING Bow Saws

Industrial

Triangular
Heavy Duty. Lever tension handle and rigid oval section frame. Low profile frame for use in confined areas, for example among tree branches.



Loggers
Full frame suitable for heavier sawing of logs, tree trunks etc.

Type	Duty (Weight)	Blade Length (mm)	Order Code KEN-597	List Price/1	Offer Price/1
Triangular	Heavy	530 (21")	-5010K	$6.85	$5.34
Logging		610 (24")	-5030K	$5.50	$4.29
Logging		762 (30")	-5050K	$8.25	$6.43

BAHCO Bow Saws

No.331 Steel tube frame with quick change blade feature. Supplied with No.51 blade for cutting dry wood, fitted with safety sleeve.

Product Number	Length (mm)	Weight each	Order Code BAH-522	List Price/1	Offer Price/1
331-21-51-KP	530	615g	-2153E	$28.40	$22.72

Heavy Duty
Heavy-duty bow saw made from high quality steel and protected from rust and corrosion by a coating of high-impact enamel paint. Ergo handle with knuckle protector.

Product Number	Length (mm)	Weight each	Order Code BAH-522	List Price/1	Offer Price/1
10-24-51	600		-2013C	$31.50	$25.20
10-30-51	760		-2013J	$34.80	$27.84

RUTLAND Quality Gardening Tools — Square Mouth Shovels

High-tensile tubular steel construction with metal 'YD' handle which is designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

SSC190
Type: open socket
Handle type: YD polypropylene.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 190mm.
Blade height: 300mm.
Overall length: 975mm.

SSC245
Type: open socket.
Handle Type: YD polypropylene.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 245mm.
Blade height: 300mm.
Overall length: 965mm.

SSC265
Type: all metal.
Handle type: YD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 255mm.
Blade height: 265mm.
Overall length: 1030mm.

Product Number	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
SSC190		-4510K	$19.39	$15.12
SSC245		-4500K	$19.39	$15.12
SSC265		-8080K	$24.96	$19.47

Square & Round Mouth Shovels

Black finish, heat treated blades and hardwood shafts.
Bend resistant. Polypropylene 'YD' handles.

Maintenance

SSC215
Type: open socket.
Handle type: YD polypropylene
Shaft: hardwood.
Blade material: carbon Steel, powder coated, varnished.
Blade width: 215mm.
Blade height: 300mm.
Overall length: 1020mm.

SRC230
Type: open socket.
Handle type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon steel, powder coated, varnished.
Blade width: 230mm.
Blade height: 300mm.
Overall length: 1010mm.

Product Number	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
SSC215	1.10kg	-5580K	$16.93	$13.21
SRC230	1.80kg	-5590K	$16.93	$13.21

Taper Mouth Shovels & Fork

High-tensile tubular steel construction with metal 'MYD' handle which is designed for heavy industrial and professional use. Finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

STC190
Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 190 - 165mm.
Blade height: 280mm.
Overall length: 990mm.

FSC210
Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 210mm.
Blade height: 325mm.
Overall length: 1040mm.

STC240
Type: all metal.
Handle type: YD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 240 - 215mm.
Blade height: 265mm.
Overall length: 1030mm.

Product Number	Order Code RTL-522	List Price/1	Offer Price/1
STC190	-8160K	$20.96	$16.35
FSC210	-8240K	$24.82	$19.36
STC240	-8060K	$24.96	$19.47

SPEAR & JACKSON — All Steel Shovel With "D" Handle

WS350
All steel construction,
Extra long 30" for extra reach,
Head size - 300mm x 255mm

Product Number	Order Code S&J-522	List Price/1	Offer Price/1
WS350	-9681N	$14.49	$11.59

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SPEAR & JACKSON

Shovels

With 1.6mm carbon steel head and timber shaft and reinforced collar.

CGPH1
Post Hole Shovel - Long Handled
Head size - 275mm x 200mm, Long timber handle

CGSP1L
Round Mouth Shovel - Long Handled
Head size - 320mm x 285mm, Long timber handle

CGSH1
Square Mouth Shovel With "D" Handle
Head size - 315mm x 256mm

CTS1L
Trenching Shovel - Long Handle
Head size - 300mm x 105mm, Long timber handle

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
CGPH1		-9505F	$22.94	$18.35
CGSH1		-9509K	$22.94	$18.35
CGSP1L		-9517T	$22.94	$18.35
CTS1L		-9535N	$22.94	$18.35

Fibreglass Shaft Shovels

2mm Carbon Steel Head, Reinforced Collar

SHO/15FG
Round Mouth Shovel - Long Handled
Long Fibreglass Shaft w' Soft Grip Cap, Head Size - 320mm x 285mm

SHO/50FG - Small Square Mouth Shovel - Long Handled
Long Fibreglass Shaft w' Soft Grip Cap, Head Size - 280mm x 230mm

SHO/65FG
Square Mouth Shovel With "D" Handle
Fibreglass Shaft With D-Handle, Head Size - 351mm x 256mm

SHO/75FG
Post Hole Shovel - Long Handled
Long Fibreglass Shaft w' Soft Grip Cap, Head Size - 275mm x 200mm

SHO/90FG
Trenching Shovel - Long Handled
Long Fibreglass Shaft w' Soft End Cap, Head Size - 300mm x 105mm

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SHO/15FG		-9601B	$44.28	$35.42
SHO/50FG		-9605G	$44.28	$35.42
SHO/65FG		-9617V	$44.28	$35.42

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SHO/75FG		-9625D	$44.28	$35.42
SHO/90FG		-9629H	$44.28	$35.42

Carbon Steel Shovels

2mm Carbon Steel Head, Reinforced Collar

SHO/15 - Round Mouth Shovel - Long Handled
Long hardwood handle, Head size - 320mm x 285mm

SHO/50 - Small Square Mouth Shovel
Head Size 280mm x 230mm

SHO/55 - Small Square Mouth Shovel
Timber Shaft With D-Handle, Head Size - 280mm x 230mm

SHO/60 - Square Mouth Shovel - Long Handled
Long Hardwood Handle, Head Size 315mm x 256mm

SHO/65 - Square Mouth Shovel With "D" Handled
Hardwood Shaft With D-Handle, Head Size - 351mm x 256mm

SHO/75 - Post Hole Shovel - Long Handled
Long Hardwood Handle, Head Size - 275mm x 200mm

SHO/90 - Trenching Shovel - Long Handled
Long Hardwood Handle, Head Size - 300mm x 105mm

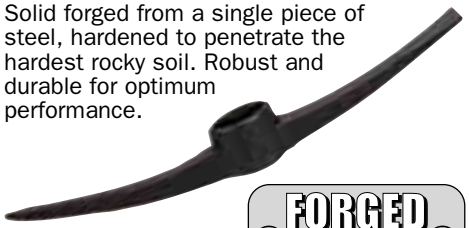
Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SHO/15		-9601A	$35.54	$28.43
SHO/50		-9605F	$35.54	$28.43
SHO/55		-9609K	$35.54	$28.43

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SHO/60		-9613P	$35.54	$28.43
SHO/65		-9617T	$35.54	$28.43

Product Number	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
SHO/75		-9625C	$35.54	$28.43
SHO/90		-9629G	$35.54	$28.43

RUTLAND Quality Gardening Tools — Pick Axe Head

Chisel & Point
Solid forged from a single piece of steel, hardened to penetrate the hardest rocky soil. Robust and durable for optimum performance.



FORGED STEEL

For Shafts

See Group 530

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Chisel & Point	3.20kg	-4050K	$16.19	$12.63

Asphalt & Tarmac Rakes

With tubular steel handle, long tang and solid steel painted head with 16 teeth for evenly spreading loose stocks of tarmac and asphalt.

Asphalt Rake
With 16 round teeth.

Overall length: 1550mm.
Head width: 406mm.

Tarmac Rake
With 16 flat teeth.

Overall length: 1550mm.
Head width: 406mm.

Type	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
Asphalt		-8000K	$28.02	$21.86
Tarmac		-8020K	$26.88	$20.97

Cable Laying & Draining Tools

High-tensile tubular steel construction designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

Maintenance

Cable Laying Shovel
All steel with slightly dished blade and round cutting edges. Designed for clay digging and heavy ground breaking work.

CLC140
Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 140 - 115mm.
Blade height: 280mm.
Overall length: 990mm.

Newcastle Drainer
Ideal for digging trenches, pipe, cable and drain channels and post holes.

NCD165
Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 165 - 100mm.
Blade height: 400mm.
Overall length: 1115mm.

CARBON STEEL

Grafting Spade
All steel with a slightly dished head. Ideal for digging post holes in confined spaces.

GSC140
Type: all metal.
Handle type: straight metal.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 140 - 127mm.
Blade height: 280mm.
Overall length: 1650mm.

Product Number	Weight each	Order Code RTL-522	List Price/1	Offer Price/1
CLC140		-8340K	$20.96	$16.35
NCD165		-8500K	$24.21	$18.88
GSC140		-8320K	$16.86	$13.15

SPEAR & JACKSON — Mattock

CMATT/W
Solid Timber Handle,
Heavy Duty Carbon Steel Head

Type	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
Mattock		-9525C	$30.99	$24.79

"Farmers Friend" Shovel - Long Handled

SHO/70FG
2mm Carbon Steel Head,
Reinforced Collar,
Long Fibreglass Shaft with Soft Grip Cap,
Head Size - 310mm x 240mm

Type	Weight each	Order Code S&J-522	List Price/1	Offer Price/1
Shovel		-9621Y	$44.28	$35.42

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RUTLAND Quality Gardening Tools — Pop-Up Garden Waste Bag

Made from rot-proof woven polyethylene fabric with tear resistant stitching for durability. This 170ltr garden waste bag comes flat pack, compressed and held down with loops and toggles for ease of storage. Perfect for grass cuttings, autumn leaves and general garden waste. Can be used for other purposes such as dirty linen/laundry collection, wood shaving/saw dust collection. Self supporting, it makes filling easier and with a 20kg max load you can fill it with as much as you can carry.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Pop-Up Waste Bag	800g	-4720K	$27.50	$21.45

Heavy Duty Garden Bag

170 litre capacity garden bag with a unique strengthener around the mouth and three handle design. Tough woven polyethylene fabric with tear resistant stitching for longer usage. UV treated for extra long life and stays rot-proof for years.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Heavy Duty Garden Bag		-9800K	$17.34	$13.53

Polypropylene Bulk Bag

Used to ship or store a wide variety of bulk materials. Suitable for: building materials, cement, food ingredients, mineral and quarried products, seed, fertiliser, salt, potatoes and garden waste. Safe Working Load (SWL): 1000kg. Supplied with Test Certificate.

Size (mm) (W x L x H)	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
850 x 850 x 870		-4740K	$27.57	$21.50

Blue Rubble Sacks -On a Roll

Extra strong recycled polythene refuse sacks. Suitable for garden and building site use. Roll of seven bags.

Size (mm) (W x L x H)	Pack Quantity	Order Code RTL-523	List Price/1	Offer Price/1
510 x 510 x 760	7	-4760K	$7.71	$6.01
	100	-4770K	$115.00	$89.70

Light Weight Garden Bag

170 litre capacity garden bag with two handles. Made from rot-proof woven polyethylene fabric with tear resistant stitching for durability.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Light weight Garden Bag	220g	-4700K	$14.00	$10.92

RUTLAND Quality Gardening Tools — Garden Knapsack Sprayers

Can be used for left or right handed operation. Spray lance with locking trigger and four adjustable nozzles, that clips onto handle for storage. Pressurising pump handle with grip and storage loop. Pressure release valve. Adjustable webbing shoulder straps.

16ltr capacity blow-moulded container with filter and fluid level graduations.

20ltr capacity blow-moulded container with filter and fluid level graduations long reach.

Size	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
16ltr	3.50kg	-4300K	$89.85	$70.08
20ltr	4.00kg	-4280K	$134.70	$105.07

Double conical spray head | Conical spray head | Fan style spray head | 4 Hole adjustable spray head

Pressure Sprayer

Five litre capacity blow-moulded container with fluid level graduations. Spray lance with trigger and adjustable nozzle. Pressure release valve. Adjustable webbing shoulder strap.

Capacity	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
5.0ltr	1.11kg	-4320K	$49.62	$38.70

Hand Sprayer

High quality hand held sprayer manufactured from ABS plastic which is both shatter-proof and frost-resistant. For use with chemicals around the garden.

Capacity	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
1.5ltr		-4360K	$33.09	$25.81

Galvanised Watering Cans

Removeable brass rose head. With reinforced nozzle and side handle.

Capacity	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
8.0ltrs		-4800K	$70.68	$55.13
13.5ltrs		-4820K	$77.58	$60.51

Trigger Hand Sprayer

Manufactured from Polyethylene these robust trigger spray dispensers are suitable for many home & garden applications, will dispense various water based detergents, insecticides, soluble plant food, solvents and cleaning agents.

Capacity	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
500ml		-4900K	$4.95	$3.86
740ml		-4920K	$6.30	$4.91
1000ml		-4940K	$7.95	$6.20

Gardeners' Kneeling Pad

Designed for ease of use and user comfort, lightweight and durable with single grab handle. Manufactured from easy to clean water-resistant dense EVA foam, 18mm thick.

Dimensions: 180 x 406 x 18mm.

Material	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
EVA Foam	121g	-9700K	$12.00	$9.36

Plastic Watering Can

Eight litre capacity with removable plastic rose.

Capacity	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
10ltrs		-4840K	$15.60	$12.17

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RUTLAND Quality Gardening Tools — Wall Mounted Hose Reel

Heavy duty hose reel, stores up to 60m (200ft) of ½" hose. Made from strong steel complete with wall fitting bracket. For use in the garden or on building sites.
Hose not included.

Capacity	Order Code RTL-523	List Price/1	Offer Price/1
60m/200ft	-9060K	$82.68	$64.49

Hose Trolley

This large capacity trolley stores up to 60m of 13mm (½") hose or 45m of 16mm (⅝") hose. It is easy to assemble — snap and click, needs no tools. It has a sturdy frame with a rust and corrosion-resistant coating.
Hose not included.

Capacity	Order Code RTL-523	List Price/1	Offer Price/1
60m/200ft	-4100K	$61.44	$47.92

30m Garden Hose Set

30m Standard reinforced garden hose, bore size 13mm. Complete with snap action spray nozzle, female water stop, female fitting and universal tap connector.

5 PIECES

Size	Order Code RTL-523	List Price/1	Offer Price/1
30mtrs	-4120K	$48.15	$36.11

Garden Hoses

Multi-purpose three layer braided garden hose. Five year guarantee.
Bore size 13mm.

Size	Order Code RTL-523	List Price/1	Offer Price/1
30mtrs	-4020K	$29.91	$23.33
50mtrs	-4040K	$59.76	$46.61

Hose Reel Set

This hose reel comes complete with 15m hose and fittings. It is easy to assemble - snap and click, needs no tools and with added hose can store up to 60m of 13mm hose.

8 PIECES

Size	Order Code RTL-523	List Price/1	Offer Price/1
15mtrs	-4140K	$52.89	$39.67

Hose Tidy

This wall mounting bracket provides a tidy solution to the storage of garden hose and fittings. Hose and fittings not supplied.

Type	Order Code RTL-523	List Price/1	Offer Price/1
Hose Tidy	-4090K	$6.93	$5.41

Coil Hose Sets

These hose coil sets come complete with a seven pattern spray gun, heavy duty snap action connectors and a threaded tap connector. It is light in weight, does not kink or tangle and provides superior waterflow control.
Spray patterns:
- Soaker.
- Mist.
- Shower.
- Jet.
- Flat.
- Centre.
- Cone.

3 PIECES

Size	Order Code RTL-523	List Price/1	Offer Price/1
15mtrs	-3940K	$41.82	$31.36
30mtrs	-3960K	$69.27	$51.95

Hose Reel Set

This hose reel set comes complete with 30m hose and fittings. It is easy to assemble - snap and click, needs no tools. It can store up to 45m of 16mm hose or 60m of 13mm hose.

8 PIECES

Size	Order Code RTL-523	List Price/1	Offer Price/1
30mtrs	-4080K	$64.20	$48.15

RUTLAND Quality Gardening Tools Spray Nozzle Starter Set

Four piece spray nozzle set with nozzle, water stop hose connector, hose connector and tap adaptor.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Spray Nozzle Starter Set		-4160K	$14.10	$10.57

Adjustable Hose Nozzle

Spray nozzle is adjusted by twisting one part of the body against the other to get the shape/strength of flow required.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Adjustable Hose Nozzle		-4600K	$2.40	$1.87

1/2" Water Stop Hose Connector

Water stop valve to cut off supply as soon as the connection is disconnected and is ideal for connecting to implements.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
1/2 Water Stop Hose Connector		-4580K	$2.64	$2.06

Universal Tap Connector

This male snap action connector can be attached to any tap with either a 1/2" or 3/4" BSP fitting.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Universal Tap Connector		-4530K	$3.33	$2.60

Clamp-on Tap Connector

This male snap action tap connector has a flexible coupler on the other end which fits most taps and is then tightened onto the tap by twisting the butterfly screw.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Clamp Tap Connector		-4500K	$9.87	$7.70

2 Way Male Snap Action Connector

This fitting is for connecting two hoses with both having female fittings on the end.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
2 Way Male Connector		-4460K	$3.78	$2.95

Multi-purpose Tap Connector

This male snap action connector is for connecting a hose onto most modern taps, including mixers.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Multi-Purpose Tap Connector		-4540K	$16.50	$12.87

Large Square Mixer Tap Connector

Fits large or square taps, fits direct to hose. Fits 13mm hose.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Square Mixer Tap	180g	-9560K	$15.72	$12.26

3 Way Male Snap Action Connector

For splitting one supply hose into two outlets, with all three hoses having female snap action connectors.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
3 Way Male Connector		-4470K	$2.01	$1.57

Hose End Connector

This fitting is for use on the end of the hose which connects to the supply.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Hose End Connector		-4520K	$3.78	$2.95

13mm (1/2") Hose Joiner

This fitting is used for either mending or joining hoses.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Hose Joiner		-4480K	$3.78	$2.95

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RUTLAND Quality Gardening Tools Heavy Duty Spray Gun

Ten pattern, heavy duty metal spray gun has a contoured grip, locking trigger and snap action connector.

Spray settings:
- Full shower.
- Light shower.
- Circle.
- Jet.
- Flat.
- Mist.
- Cone.
- Fan.
- Angle.
- Full.

10 PATTERN

HEAVY DUTY

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Spray Gun		-4260K	$22.56	$17.60

Spray Gun

This seven pattern spray gun has a comfort grip, locking trigger and snap action connector.

Spray settings:
- Soaker.
- Shower.
- Circle.
- Jet.
- Flat.
- Mist.
- Cone.

7 PATTERN

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Spray Gun	170g	-4240K	$10.50	$8.19

Oscillating Sprinkler

This oscillating sprinkler has a gear drive operation for even, gentle lawn watering. Coverage levers enable easy adjustment to your required oscillation width, giving a coverage of about 200m³ (depends on water pressure, length and bore of hose).

Weight each	Order Code RTL-523	List Price/1	Offer Price/1
	-4400K	$24.54	$19.14

Brass Spray Gun

This spray gun is easy to control and has a locking trigger, comfort grip and snap action fitting.

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Brass Spray Gun		-4220K	$30.96	$24.15

Chrome Spray Gun

This heavy duty spray gun has six spray patterns, is easy to control with a comfortable grip, locking trigger and snap action connector.

Spray settings:
- Shower.
- Centre.
- Stream.
- Flat.
- Mist.
- Full.

6 PATTERN

HEAVY DUTY

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Chrome Spray Gun	25g	-4230K	$35.55	$27.73

Rotating Sprinkler

This sprinkler features a minimal footprint for lawn protection, a spray coverage up to 20m², depending on the pressure of the water supply.

Weight each	Order Code RTL-523	List Price/1	Offer Price/1
	-4420K	$25.74	$20.08

Spray Lance

This spray lance has a pivoting head and telescopic body, making it an invaluable asset when watering hanging baskets, window boxes etc. in any location. The telescopic arm expands from: 90cm (36") to 135cm (53").

Spray settings:
- Soaker.
- Shower.
- Centre.
- Jet.
- Flat.
- Mist.
- Cone.

7 PATTERN

EXTENDS TO 135cm

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Spray Lance	230g	-4440K	$14.19	$11.07

Spray Gun Set

This spray gun set comprises: Six pattern spray gun with locking trigger and snap action connector, female water stop, female fitting and universal tap connector.

Spray settings:
- Shower.
- Centre.
- Stream.
- Flat.
- Mist.
- Full.

4 PIECES

Type	Weight each	Order Code RTL-523	List Price/1	Offer Price/1
Spray Gun Set	170g	-4200K	$15.69	$11.77

Impulse Sprayer

This sprinkler has a minimal footprint for lawn protection, fully adjustable distance and spray pattern with full or part circle operation and a spray coverage of up to 24m².

Weight each	Order Code RTL-523	List Price/1	Offer Price/1
	-4380K	$20.94	$16.33

KENNEDY® QUALITY INDUSTRIAL TOOLING Camp Axe

Industrial

One piece solid steel shaft with rubber grip.
Supplied with protective head cover.

Head Size (oz/g)	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
20/566	345	6.20kg	-9090K	$69.80	$45.37

Chopping Axe

Heat treated tubular steel shaft with rubber grip. Drop forged polished and lacquered head. Supplied with protective head cover. Belt slits in head cover offer hands free storage whilst in transit.

Head Size (oz/g)	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16/453	335	5.40kg	-9110K	$38.05	$24.73

Riggers Hatchet

One piece solid steel shaft with rubber grip.
With a sharp cutting edge and chequered face.

Head Size (oz/g)	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
28/795	430	7.20kg	-9140K	$44.50	$28.93

STANLEY® FatMax® Xtreme™ AntiVibe™ Claw Hammer

5-51-164

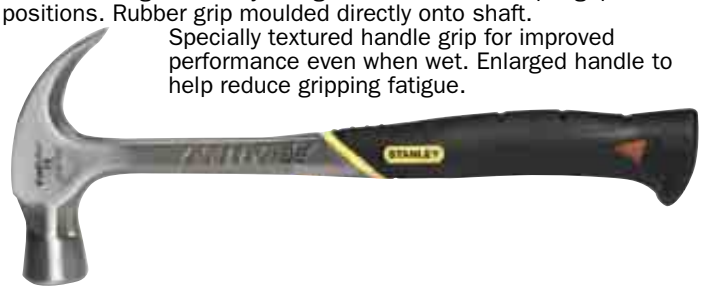
Patented torsion control grip technology reduces the effects of torque on wrists and elbows. Patented AntiVibe™ technology minimizes vibration and shock at impact. Magnetic Nail Start feature for extended reach and one-handed nailing capability. Precision Balanced — feel the difference. Forged, one-piece steel construction for increased strength and durability.

Head Size (oz/g)	Length (mm)	Weight per 6	Order Code STN-525	List Price/1	Offer Price/1
20/567	343		-1486H	$68.83	$51.62

FatMax® AntiVibe™ Claw Hammer

51-952

One piece double forged steel head and handle for superior swing and durability. Patented tuning fork design reduces harmful vibrations. Ergonomically designed handle for multiple grip positions. Rubber grip moulded directly onto shaft. Specially textured handle grip for improved performance even when wet. Enlarged handle to help reduce gripping fatigue.



Head Size (oz/g)	Length (mm)	Weight per 6	Order Code STN-525	List Price/1	Offer Price/1
24/680	360		-1534N	$79.13	$59.35

Fibreglass Shaft Claw Hammers

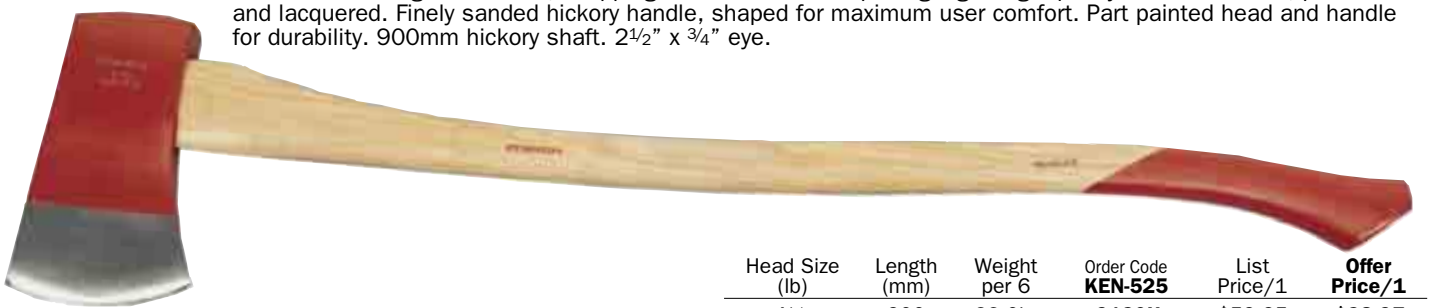
1-51-061

Fully polished drop forged carbon steel head, hardened and tempered for maximum strength. Head and handle firmly bonded with cold/heat resistant epoxy resin for great strength and long life. Chip resistant chamfered poll. Double bevelled claw for clean nail pulling.

Head Size (oz/g)	Length (mm)	Weight per 6	Order Code STN-525	List Price/1	Offer Price/1
20/570	335		-1609C	$39.20	$29.40

KENNEDY® QUALITY INDUSTRIAL TOOLING Felling Axe

Suitable for felling small trees, chopping off branches and splitting logs. High quality tool steel blade, polished and lacquered. Finely sanded hickory handle, shaped for maximum user comfort. Part painted head and handle for durability. 900mm hickory shaft. 2½" x ¾" eye.



Head Size (lb)	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
4½	900	23.0kg	-9130K	$59.95	$38.97

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SENATOR QUALITY TOOLING Industrial Claw Hammers

Maintenance

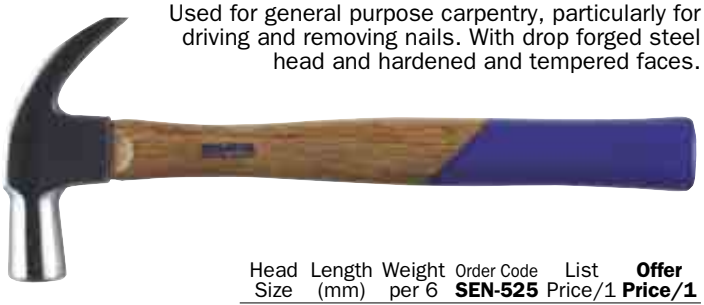
Fibreglass Shaft

Used for general purpose carpentry, particularly for driving and removing nails. With drop forged steel head and hardened and tempered face. Textured rubber grip handle.

Head Size	Length (mm)	Weight per 6	Order Code SEN-525	List Price/1	Offer Price/1
16oz	330		-4460K	$26.95	$17.52

Wood Shaft

Used for general purpose carpentry, particularly for driving and removing nails. With drop forged steel head and hardened and tempered faces.



Head Size	Length (mm)	Weight per 6	Order Code SEN-525	List Price/1	Offer Price/1
16oz	330	4.25kg	-4060K	$16.65	$10.82

STANLEY Claw Hammers

Steel Shaft

Fully polished drop forged carbon steel head, hardened and tempered for maximum strength. Handle is hardened tubular steel with a comfortable rubber grip.
Chip resistant chamfered poll.
Double bevelled claw for clean nail pulling.

Product Number	Head Size	Length (mm)	Order Code STN-525	List Price/1	Offer Price/1
1-51-090	16/450	320	-1478L	$26.56	$19.92
1-51-091	20/570	320	-1479F	$29.80	$22.35

Fibreglass Shaft

Fully polished drop forged carbon steel head, hardened and tempered for maximum strength. Head and handle firmly bonded with cold/heat resistant epoxy resin for great strength and long life. Chip resistant chamfered poll. Double bevelled claw for clean nail pulling.

Product Number	Head Size	Length (mm)	Order Code STN-525	List Price/1	Offer Price/1
1-51-071	16/450	335	-1609G	$22.48	$16.86

KENNEDY QUALITY INDUSTRIAL TOOLING Machinists Hammer

Industrial

Machinists hammers suitable for use on metal. Manufactured to European DIN 1041 standard.

Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
0.5kg	320	583g	-7420K	$17.81	$11.58
0.8kg	350	984g	-7440K	$20.92	$13.60
1.0kg	360	1227g	-7460K	$22.95	$14.92
1.5kg	380	1850g	-7470K	$30.68	$19.94
2.0kg	400	2400g	-7480K	$34.38	$22.35

KENNEDY QUALITY INDUSTRIAL TOOLING Carpenter's Claw Hammers

Industrial

Manufactured from high-grade drop forged steel, fully heat-treated, with the claw being shaped in a continuous curve and tapered to grip the nail firmly. Available with a hardwood, hickory, fibreglass, tubular steel or solid steel shaft.

Fibreglass Shaft

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of RSI (Repetitive Strain Injury). The high strength of the shaft and head bond make the hammer virtually unbreakable.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16oz	330	4.80kg	-4460K	$26.95	$17.52
20oz	330	5.60kg	-4480K	$29.95	$19.47

Hardwood Shaft

With fine grain, forged steel head, hardened and tempered with polished face.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16oz	335	4.20kg	-4060K	$19.98	$12.99
20oz	325	4.80kg	-4100K	$21.39	$13.90

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished face.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16oz	332	2.70kg	-4160K	$24.52	$15.94
20oz	350	4.80kg	-4200K	$26.31	$17.10
24oz	335	5.20kg	-4240K	$36.67	$23.84

Tubular Steel Shaft

With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16oz	325	5.30kg	-4360K	$16.95	$11.02
20oz	325	5.40kg	-4400K	$22.95	$14.92

Solid Steel Shaft

High strength all steel construction with slip resistant and shock absorbing textured rubber grip for improved user comfort and control.

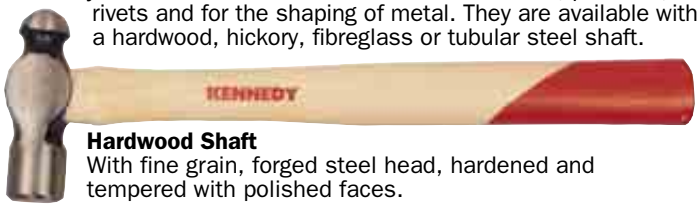
Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
16oz	315	5.00kg	-4420K	$37.95	$24.67
20oz	315	8.30kg	-4430K	$39.95	$25.97

KENNEDY QUALITY INDUSTRIAL TOOLING Ball Pein Hammers

Manufactured from finest quality drop forged steel, hardened and tempered with ground and polished heads. Available with imported hardwood, genuine hickory, fibreglass or polished tubular steel shafts.

Engineer's Ball Pein Hammers

Ball pein hammers are manufactured from high-grade drop forged steel fully heat-treated. Ideal for use with cold chisels, punches, rivets and for the shaping of metal. They are available with a hardwood, hickory, fibreglass or tubular steel shaft.



Hardwood Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
1/4lb	255	1.00kg	-1020K	$14.38	$9.35
1/2lb	295	2.20kg	-1050K	$15.26	$9.92
3/4lb	295	2.90kg	-1070K	$17.96	$11.67
1lb	350	3.80kg	-1100K	$20.66	$13.43
1 1/2lb	395	5.90kg	-1150K	$26.96	$17.52
2lb	400	7.20kg	-1200K	$31.46	$20.45
2 1/2lb	415	6.00kg	-1250K	$37.01	$24.06
3lb	400	10.7kg	-1300K	$44.91	$29.19

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
1/4lb	275	1.00kg	-2020K	$15.98	$10.39
1/2lb	295	2.20kg	-2050K	$16.95	$11.02
3/4lb	295	3.00kg	-2070K	$19.95	$12.97
1lb	350	3.80kg	-2100K	$22.95	$14.92
1 1/2lb	385	6.10kg	-2150K	$29.95	$19.47
2lb	395	7.20kg	-2200K	$34.95	$22.72
2 1/2lb	400	8.30kg	-2250K	$41.60	$27.04

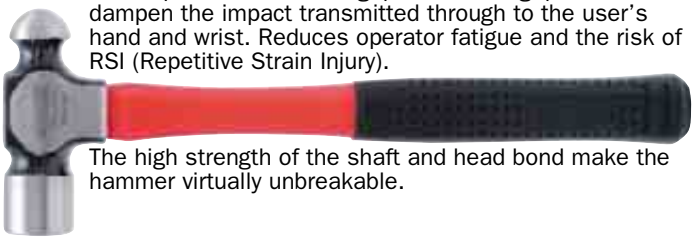
Hickory BS 876 Hammers

Tested to the requirements of **BS 876: 1995** (head stamped **'BS 876'**). Crack tested and heat treated handles.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
1/4lb	255	1.00kg	-3020K	$18.38	$11.95
1/2lb	295	2.20kg	-3050K	$19.49	$12.67
3/4lb	295	3.00kg	-3070K	$22.94	$14.91
1lb	350	3.80kg	-3100K	$26.39	$17.15
1 1/2lb	400	5.90kg	-3150K	$34.44	$22.39
2lb	400	7.30kg	-3200K	$40.19	$26.12
2 1/2lb	395	8.30kg	-3250K	$51.24	$33.31

Fibreglass Shaft

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of RSI (Repetitive Strain Injury).



The high strength of the shaft and head bond make the hammer virtually unbreakable.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
1/2lb	275	3.20kg	-3400K	$36.71	$23.86
3/4lb	275	3.20kg	-3430K	$39.63	$25.76
1lb	350	3.80kg	-3450K	$42.55	$27.66
1 1/2lb	400	6.00kg	-3470K	$51.03	$33.17
2lb	400	7.20kg	-3500K	$54.39	$35.35

STANLEY Ball Pein Hammers

Stanley hammers are manufactured from drop forged high carbon steel, with ground and polished faces. 'Evertite' fixed shafts secure the head to the shaft. Separate water and oil quenching of head ensures correct hardness.

Wooden Shaft

High-carbon, steel forged head, hardened and tempered. Select clear lacquered wooden hickory handle. Polished face and pein. Ball end used for riveting and poll used for normal striking. Meets **ANSI standards**.

Product Code	Head Size	Length (mm)	Weight Per 1	Order Code STN-525	List Price/1	Offer Price/1
1-54-189	8oz/230g	311		-1425S	$24.14	$18.11
1-54-190	12oz/340g	345		-1425V	$27.56	$20.67
1-54-191	16oz/450g	355		-1426T	$30.32	$22.74
1-54-192	24oz/680g	381		-1426W	$34.40	$25.80
1-54-193	32oz/910g	405		-1426Y	$38.96	$29.22

SENATOR QUALITY TOOLING Engineer's Ball Pein Hammers

Hickory Shaft

Manufactured from finest quality drop forged steel, hardened and tempered with ground and polished faces.

Head Size	Length (mm)	Weight per 6	Order Code SEN-525	List Price/1	Offer Price/1
1/2lb	300	2.05kg	-2050K	$14.89	$9.68
1lb	350	3.55kg	-2100K	$18.88	$12.27
1 1/2lb	400	6.00kg	-2150K	$21.71	$14.11
2lb	400	6.75kg	-2200K	$23.58	$15.33

KENNEDY QUALITY INDUSTRIAL TOOLING Ball Pein Hammers

Pin Ball Pein Hammer

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces. For light applications.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
4oz	320	5.90kg	-8050K	$18.67	$12.14

Engineer's Ball Pein Hammers

Tubular Steel Shaft

With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
1lb	320	4.60kg	-3650K	$37.32	$24.26

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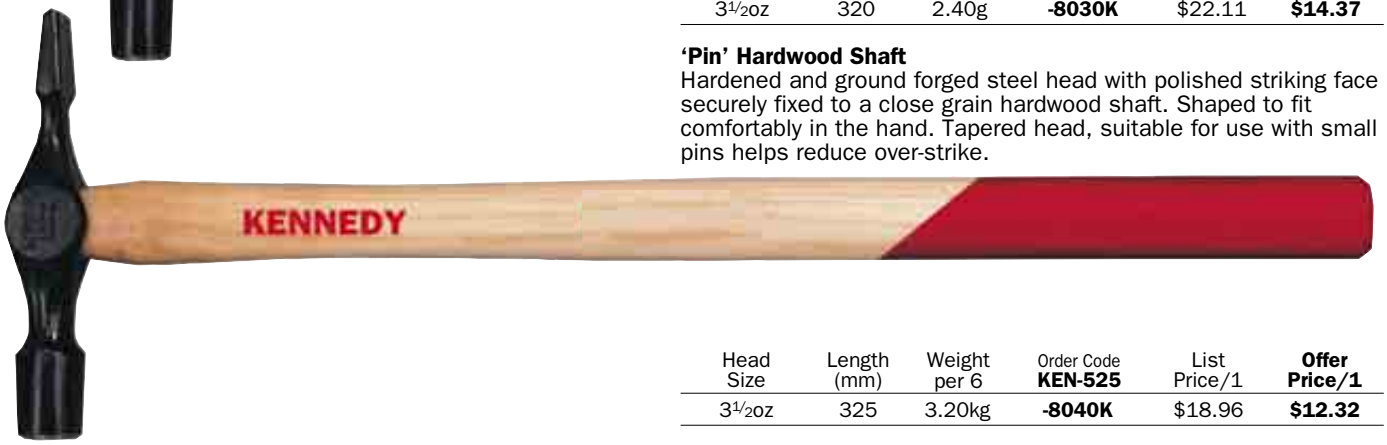
KENNEDY QUALITY INDUSTRIAL TOOLING Cross Pein Hammers

Cross pein hammers are traditionally used by joiners and fitters. Cross pein can be used for setting pins and nails prior to 'driving home' with the flat faced pein.

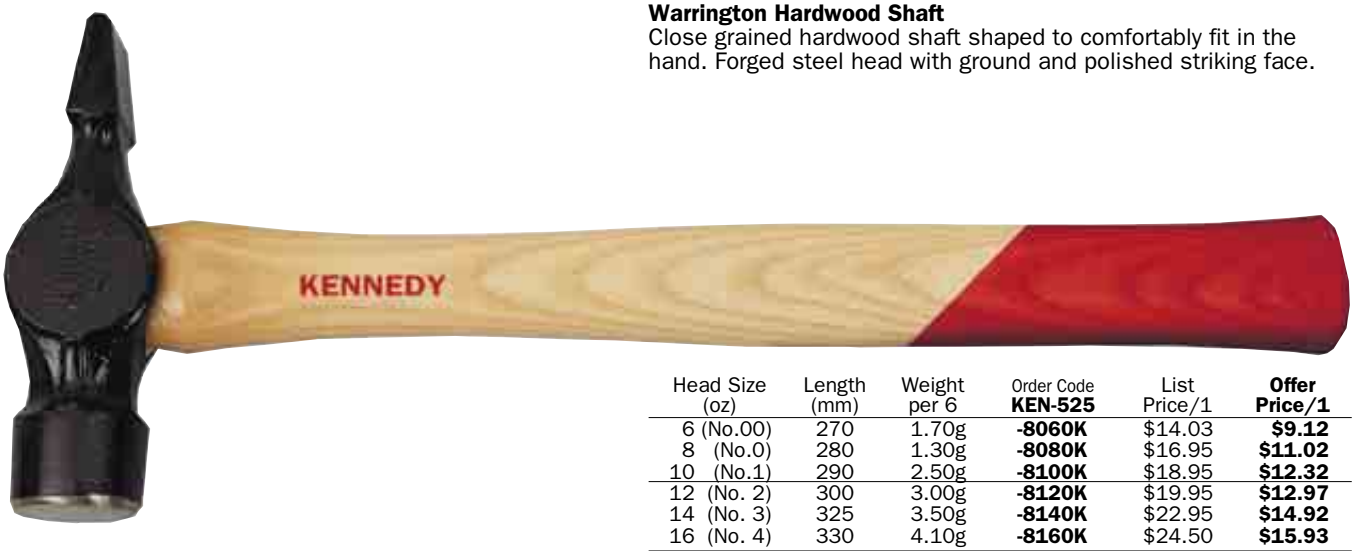
Hickory Shaft
Hardened and ground forged steel head with polished striking face securely fixed to a close grain hickory shaft. Shaped to fit comfortably in the hand. Tapered head, suitable for use with small pins helps reduce over-strike.

Head Size	Length (mm)	Weight per 12	Order Code KEN-525	List Price/1	Offer Price/1
3½oz	320	2.40g	-8030K	$22.11	$14.37



'Pin' Hardwood Shaft
Hardened and ground forged steel head with polished striking face securely fixed to a close grain hardwood shaft. Shaped to fit comfortably in the hand. Tapered head, suitable for use with small pins helps reduce over-strike.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
3½oz	325	3.20kg	-8040K	$18.96	$12.32



Warrington Hardwood Shaft
Close grained hardwood shaft shaped to comfortably fit in the hand. Forged steel head with ground and polished striking face.

Head Size (oz)	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
6 (No.00)	270	1.70g	-8060K	$14.03	$9.12
8 (No.0)	280	1.30g	-8080K	$16.95	$11.02
10 (No.1)	290	2.50g	-8100K	$18.95	$12.32
12 (No. 2)	300	3.00g	-8120K	$19.95	$12.97
14 (No. 3)	325	3.50g	-8140K	$22.95	$14.92
16 (No. 4)	330	4.10g	-8160K	$24.50	$15.93

STANLEY Carpenter's Hammers

Warrington Cross Pein
Forged steel head with ground and polished striking face.

Product Code	Head Size	Length (mm)	Weight each	Order Code STN-525	List Price/1	Offer Price/1
1-54-070	6oz	275	175g	-1452C	$39.12	$29.34
1-54-000	8oz	275	225g	-1451B	$41.70	$31.27
1-54-001	10oz	300	280g	-1453D	$46.68	$35.01

KENNEDY QUALITY INDUSTRIAL TOOLING Brick Hammers

For setting, dressing and splitting bricks, tiles, concrete blocks, chipping mortar etc.

Short Pattern Hickory Shaft
With fine grain and forged steel head.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
24oz	245	0.90kg	-7050K	$34.13	$22.18

Standard Pattern Hickory Shaft
With fine grain and forged steel head.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
24oz	300	5.60kg	-7060K	$34.13	$22.18

Standard Pattern Tubular Steel Shaft
With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
20oz	290	6.40kg	-7070K	$46.89	$30.48

Magnetic Tack Hammers

Hickory Shaft
For holding and driving tacks.

Head Size	Length (mm)	Weight per 12	Order Code KEN-525	List Price/1	Offer Price/1
7oz	270	4.00kg	-7550K	$24.36	$15.83

Welders Chipping Hammers

Scaling and chipping hammers.
For boiler scaling, weld dressing etc.

Hardwood Shaft
Manufactured from tempered and hardened steel, chisel and point striking faces with close grain hardwood handle.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
12oz	290	3.00kg	-7120K	$34.78	$22.61

Scutch Hammer Hickory Shaft
Double bit type. Suitable for dressing brick and stone work prior to rendering. Replaceable plain and comb style bits. With fine grain, forged steel head, hardened and tempered with polished faces.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
22oz	250	5.10kg	-6520K	$48.30	$31.39

Spring Steel Shaft
Hardened and tempered steel head chisel edge and point striking faces with epoxy coating. Spring steel impact absorbing handle for user comfort.

Head Size	Length (mm)	Weight per 6	Order Code KEN-525	List Price/1	Offer Price/1
7oz	280	3.80kg	-7220K	$12.95	$8.42

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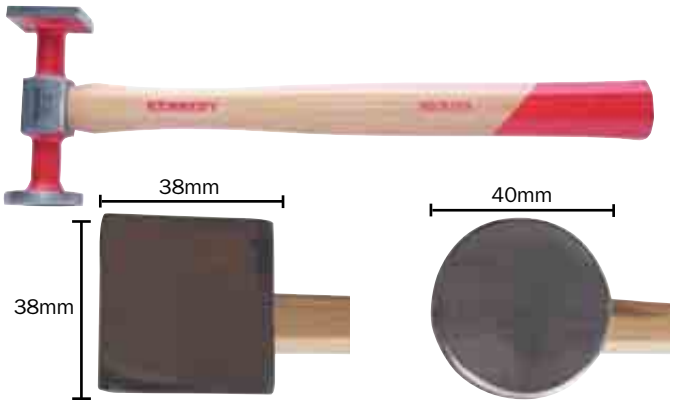
KENNEDY QUALITY INDUSTRIAL TOOLING Bumping Hammers

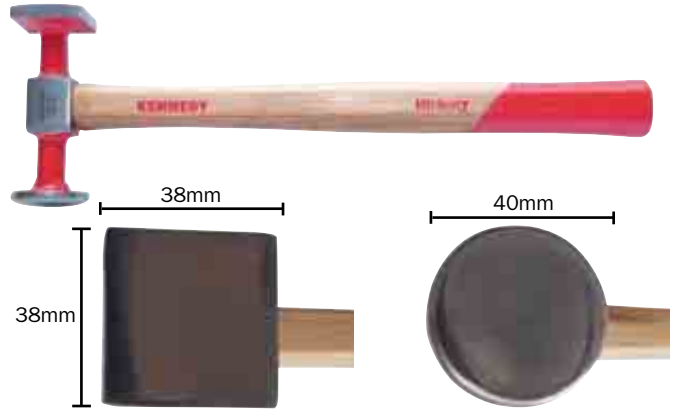
Highly polished striking heads and cheeks. One square and one round face. The most popular general purpose panel beating hammer. Hickory shaft. Manufactured to **BS4114**.

Flat Faced
For straightening thicker gauge metals where a reasonable striking force is needed.



Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	Offer Price/1
340	325	2.60kg	-7250K	$53.70	**$34.91**

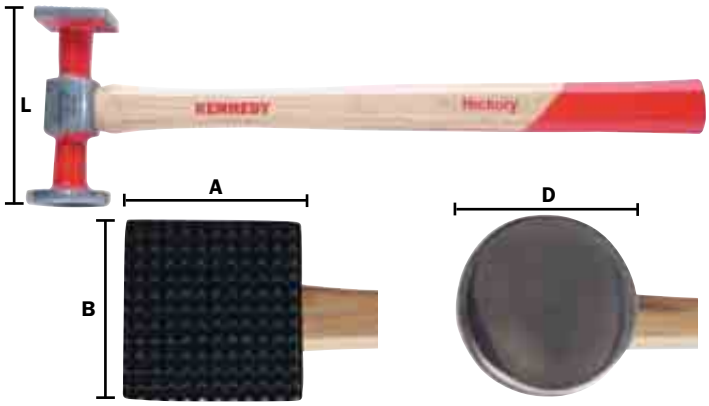
Crown Faced
As above but with crowned face.



Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	Offer Price/1
340	325	2.60kg	-7260K	$43.62	**$28.35**

Shrinking Hammers

Highly polished striking heads and cheeks. One flat round face and one milled, serrated square face. Hickory shaft. Manufactured to **BS 4114**. Specially designed for panel beating on slightly stretched areas of metal. The cross milled face forces small amounts of metal into the spaces created.



L (mm)	A (mm)	B (mm)	D (mm)	Head Weight	Length (mm)	Order Code KEN-525	List Price/1	Offer Price/1
100	37	37	40	320g	325	-7280K	$47.52	**$30.89**
95	35	35	40	390g	325	-7290K	$49.67	**$32.29**
110	40	40	48	450g	345	-7300K	$52.92	**$34.40**

Finishing Picks

Highly polished striking heads and cheeks. With crowned faces. Will remove low spots when metal finishing. Hardwood shaft and finishing beater. Manufactured to **BS 4114**.

Curved Pein Panel Beater
Medium weight for general use where access is difficult.

Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	Offer Price/1
10	325	2.70kg	-7320K	$39.40	**$25.61**

Straight Pein and Finishing Panel Beater
Medium weight for general use.

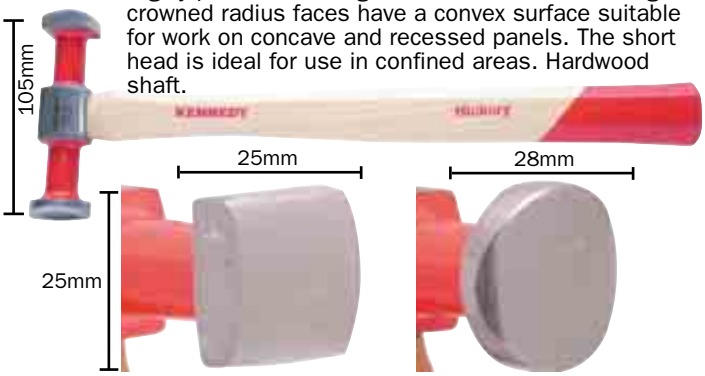
Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	Offer Price/1
10	325	2.70kg	-7330K	$49.69	**$32.30**

Round Pick and Finishing Panel Beater
Medium weight with crowned face designed to remove high spots. Hickory shaft.

Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	**Offer Price/1**
9	325	2.40kg	-7340K	$52.56	**$34.16**

Reverse Curve Finishing Hammer

Highly polished striking heads and cheeks. The high crowned radius faces have a convex surface suitable for work on concave and recessed panels. The short head is ideal for use in confined areas. Hardwood shaft.



Head Size (g)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	**Offer Price/1**
320	325	2.30kg	-7310K	$40.64	**$26.42**

KENNEDY QUALITY INDUSTRIAL TOOLING Club Hammers

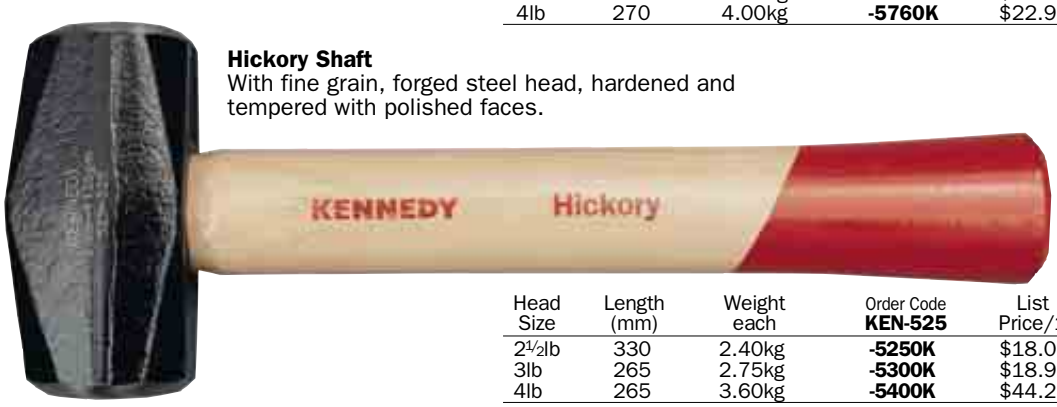
Industrial

Club (or lump) hammers are fully forged and heat treated with flat face and chamfered edge for use with cold chisels, brick bolsters, star drills and masonry nails.

Fibreglass Shaft

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of repetitive strain injury (RSI). The high strength of the shaft and head bond make the hammer virtually unbreakable.

Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
2½lb	270	2.75kg	**-5720K**	$18.00	**$11.70**
3lb	265	3.15kg	**-5740K**	$18.95	**$12.32**
4lb	270	4.00kg	**-5760K**	$22.95	**$14.92**



Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.

Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
2½lb	330	2.40kg	**-5250K**	$18.00	**$11.70**
3lb	265	2.75kg	**-5300K**	$18.95	**$12.32**
4lb	265	3.60kg	**-5400K**	$44.21	**$28.74**

Hickory Shaft Club Hammers BS 876

Tested to the requirements of **BS 876 : 1981** (head stamped **'BS 876'**).

Head Size	Length (mm)	Weight per 4	Order Code KEN-525	List Price/1	Offer Price/1
2 ½lb	265	5.10kg	**-5450K**	$19.80	**$12.87**
3lb	265	7.20kg	**-5500K**	$20.50	**$13.32**
4lb	265	7.90kg	**-5600K**	$49.21	**$31.99**

Sledge Hammers

Double faced sledge hammers are fully forged and heat-treated. Ideal for use on spikes, stakes, cold chisels and hardened nails. They are available with a hickory or fibreglass shaft.

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.

Hickory Shaft (BS 876 Sledge Hammers)

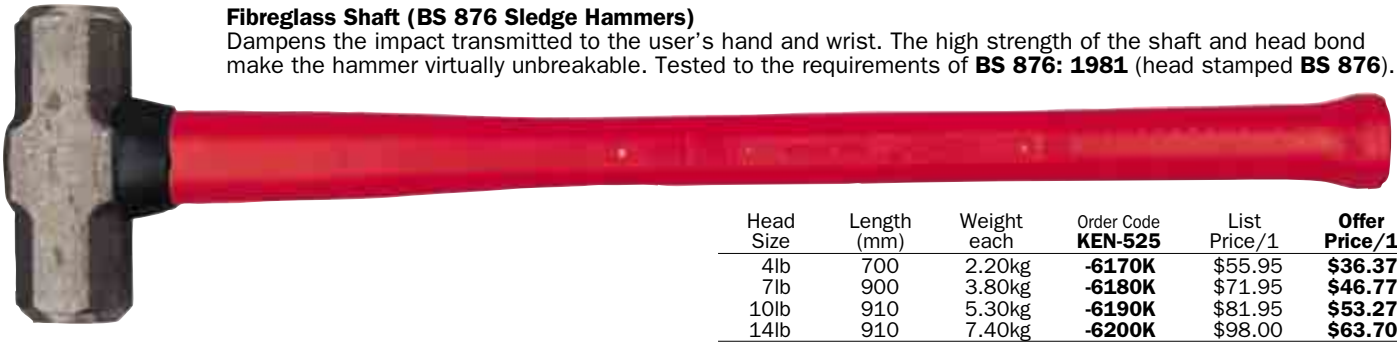
Tested to the requirements of **BS 876: 1981** (head stamped **BS876**).

Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
4lb	615	2.10kg	**-6040K**	$28.95	**$18.82**
7lb	900	3.80kg	**-6070K**	$36.95	**$24.02**
10lb	900	5.40kg	**-6100K**	$51.95	**$33.77**
14lb	900	7.30kg	**-6140K**	$71.95	**$46.77**

Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
4lb	615	2.10kg	**-6240K**	$31.85	**$20.70**
7lb	900	3.80kg	**-6270K**	$40.65	**$26.42**
10lb	900	5.40kg	**-6300K**	$57.00	**$37.05**
14lb	900	7.30kg	**-6340K**	$79.15	**$51.45**

Fibreglass Shaft (BS 876 Sledge Hammers)

Dampens the impact transmitted to the user's hand and wrist. The high strength of the shaft and head bond make the hammer virtually unbreakable. Tested to the requirements of **BS 876: 1981** (head stamped **BS 876**).



Head Size	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
4lb	700	2.20kg	**-6170K**	$55.95	**$36.37**
7lb	900	3.80kg	**-6180K**	$71.95	**$46.77**
10lb	910	5.30kg	**-6190K**	$81.95	**$53.27**
14lb	910	7.40kg	**-6200K**	$98.00	**$63.70**

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KENNEDY QUALITY INDUSTRIAL TOOLING Rubber Mallets

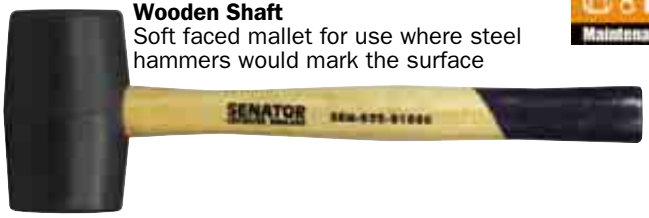
Industrial

Hickory Shaft
Soft faced for use where steel hammers would mark the surface.

Head Ø mm	Head Size (oz)	Length (mm)	Weight Per 6	Order Code KEN-525	List Price/1	Offer Price/1
42	8	280	1.80kg	-9120K	$6.95	$4.52
55	16	315	3.30kg	-9160K	$6.95	$4.52
65	24	300	4.80kg	-9180K	$7.95	$5.17

SENATOR QUALITY TOOLING Rubber Mallet

Maintenance

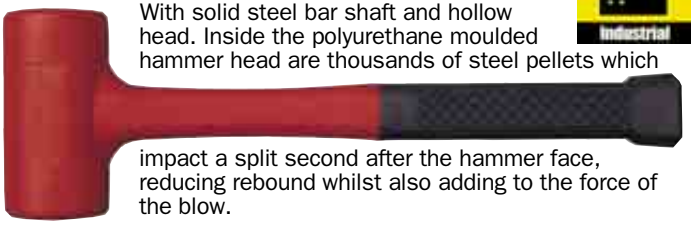


Wooden Shaft
Soft faced mallet for use where steel hammers would mark the surface

Head Ø mm	Head Size (oz)	Length (mm)	Weight Per 6	Order Code SEN-525	List Price/1	Offer Price/1
55	16	300	3.10kg	-9160K	$6.95	$4.52

SAFEBLOWER SafeBlower Hammers

Industrial



With solid steel bar shaft and hollow head. Inside the polyurethane moulded hammer head are thousands of steel pellets which impact a split second after the hammer face, reducing rebound whilst also adding to the force of the blow.

Head Ø (mm)	Head Size (oz)	Length (mm)	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
33	14	280	0.88kg	-9420K	$41.00	$26.65
43	20	300	1.30kg	-9440K	$46.00	$29.90
48	28	350	1.90kg	-9460K	$45.40	$29.51
53	38	350	2.30kg	-9480K	$58.00	$37.70
68	45	375	2.60kg	-9500K	$77.00	$50.05

SafeBlower Set

No. of Pieces	Contents	Weight each	Order Code KEN-525	List Price/1	Offer Price/1
2	14 & 28oz	2.80kg	-9550K	$77.40	$50.31

SENATOR QUALITY TOOLING Dead Blow Hammer

Maintenance

Polyurethane. Inside hammer head are steel pellets which impact a split second after the hammer face, reducing rebound.

Head Ø mm	Head Size (oz)	Length (mm)	Weight Per 6	Order Code SEN-525	List Price/1	Offer Price/1
50	28	320	4.75kg	-9460K	$38.50	$25.02

THOR HAMMER Soft Faced Hammers

A safer alternative for striking machined surfaces than conventional steel hammers. The impact resistant striking faces shape themselves to the component being struck, minimising rebound damage to the component and reducing noise pollution in the work place. The striking faces can be easily replaced once they have become worn. Available as standard, with a choice of five interchangeable face types.

Rawhide Faced Hammers
Head manufactured from malleable iron fitted with two rawhide striking faces and solid wooden handle. Rawhide manufactured from genuine water buffalo hide, tightly coiled and pressed three times under powerful hydraulic presses to ensure uniform quality and maximum durability.

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527	List Price/1	Offer Price/1
01-008	A	25	230	340g	-0100A	$39.00	$33.15
01-010	1	32	280	600g	-0101B	$51.80	$44.03
01-012	2	38	305	825g	-0102C	$60.84	$51.71
01-014	3	44	305	1300g	-0103D	$75.60	$64.26
01-016	4	50	355	2000g	-0104E	$99.40	$84.49
01-022	5	70	405	3150g	-0105F	$157.40	$133.79
01-022	5	70	900	3150g	-0106G	$167.04	$141.98

Dual Purpose Rawhide and Copper Faced Hammers
Malleable iron head with solid wooden handle. The pure electrolytic copper striking face provides a safe high impact blow whilst the rawhide face gives a firm resilient blow that will not mark finished work.

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527	List Price/1	Offer Price/1
03-208	A	25	230	400g	-0150A	$34.96	$29.72
03-210	1	32	280	725g	-0151B	$48.20	$40.97
03-212	2	38	305	1070g	-0152C	$61.76	$52.50
03-214	3	44	305	1650g	-0153D	$78.20	$66.47
03-216	4	50	355	2500g	-0154E	$113.00	$96.05
03-222	5	70	915	5150g	-0155F	$262.56	$223.18

Copper Faced Hammers
Malleable iron head with two pure electrolytic copper faces, for high impact blows. Solid wooden handle.

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527	List Price/1	Offer Price/1
04-308	A	25	230	475g	-0160G	$30.28	$25.74
04-310	1	32	280	850g	-0161H	$44.84	$38.11
04-312	2	38	305	1300g	-0162J	$62.00	$52.70
04-314	3	44	305	1975g	-0163K	$78.96	$67.12
04-316	4	50	355	2950g	-0164L	$125.20	$106.42
04-316WT	4	50	355	2950g	-0164T	$125.20	$106.42
04-317	4	50	760	3350g	-0165M	$140.20	$119.17
04-322	5	70	915	6350g	-0167P	$310.28	$263.74

KENNEDY PROFESSIONAL Nylon Faced Hammers

Hard nylon faced hammer with two screw-on all purpose striking faces for light and heavy duty applications. Chrome plated head with a fully moulded polypropylene shaft with soft feel dual material grip.

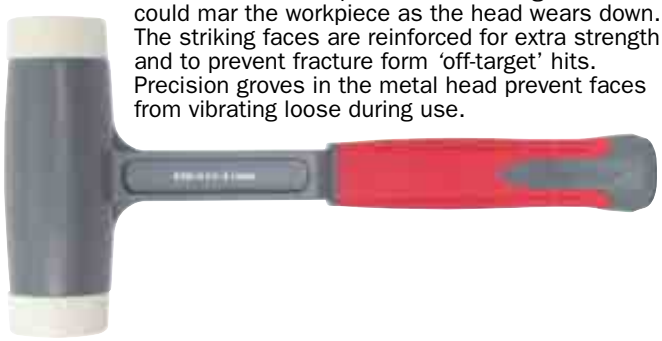
Overall length: 305mm.

Face Ø (mm)	Weight each	Order Code KEN-527	List Price/1	Offer Price/1
32		-3040K	$33.08	$24.81
38		-3060K	$40.84	$30.63
44		-3080K	$47.64	$35.73
50		-3100K	$63.52	$47.64

Nylon Faced Safe Blow Hammers

Professional

Hard nylon faced hammer with 2 screw-on all purpose striking faces which can easily be replaced manually without the use of any other tools - minimising downtime.
Hollow chrome plated zinc head partially filled with steel pellets which impact a split second after the hammer face, reducing rebound, fitted with a fully moulded polypropylene shaft with soft feel dual material grip.
There are no metal parts in the striking faces which could mar the workpiece as the head wears down. The striking faces are reinforced for extra strength and to prevent fracture form 'off-target' hits. Precision groves in the metal head prevent faces from vibrating loose during use.



Face Diameter	Overall Length	Order Code KEN-527	List Price/1	Offer Price/1
32mm	340mm	-2040K	$53.91	$40.43
38mm	340mm	-2060K	$60.87	$45.65
44mm	340mm	-2080K	$70.14	$52.60
50mm	340mm	-2100K	$98.70	$74.03

Replaceable Hard Nylon Hammer Face

Replaceable hard nylon face with thread. All purpose face suitable light and heavy duty applications.

Face Ø (mm)	Weight each	Order Code KEN-529	List Price/1	Offer Price/1
32		-3040K	$5.94	$5.35
38		-3060K	$7.43	$6.69
44		-3080K	$9.45	$8.51
50		-3100K	$12.11	$10.90

Spare Striking Faces for the Thorex Plastic Hammers

Orange: Polyurethane plastic medium hardness shore D45-55.
Yellow - extra hard: ABS Rockwell R103: extra hard faces for specialist applications only e.g. setting copper armatures.

Product Number	Face Ø (mm)	Weight Per 10	Order Code THO-529	List Price/1	Offer Price/1
Orange - Plastic					
73-406PF	19	40g	-0215K	$1.64	$1.48
73-408PF	25	70g	-0217M	$1.95	$1.75
73-410PF	32	168g	-0220Q	$2.34	$2.11
73-412PF	38	265g	-0223T	$2.86	$2.57
73-414PF	44	405g	-0226X	$3.64	$3.28
73-416PF	50	572g	-0230A	$4.60	$4.14
Yellow - Hard Plastic					
73-408AF	25	150g	-0216L	$2.13	$1.92

THOR HAMMER Thorex Nylon Faced Hammers

Chrome plated head with two screw on nylon striking faces.

Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527	List Price/1	Offer Price/1
Wooden Handle						
12-708N	25	250	250g	-0320N	$31.84	$27.06
12-710N	32	270	450g	-0321P	$36.68	$31.18
12-712N	38	270	675g	-0322Q	$42.32	$35.97
12-714N	44	310	900g	-0323R	$49.24	$41.85
12-716N	50	325	1250g	-0324S	$65.48	$55.66
12-720N	63	355	1700g	-0325T	$86.00	$73.10
Plastic Handle						
11-710	32	300	450g	-0203D	$36.68	$31.18
11-712	38	310	675g	-0205F	$42.32	$35.97
11-714	44	310	900g	-0207H	$49.24	$41.85
11-716	50	350	1020g	-0208S	$65.48	$55.66

Thorex Plastic Faced Hammers

Chrome plated head with two screw on medium hardness plastic striking faces.

Polyurethane shaft with non-slip textured PVC grip. Available with a nylon handle with a non-slip textured PVC grip or a wooden handle.

Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527	List Price/1	Offer Price/1
Wooden Handle						
07-406	19	250	150g	-0200A	$27.40	$23.29
07-408	25	250	250g	-0201B	$29.04	$24.68
Plastic Handle						
07-410	32	280	450g	-0202C	$33.36	$28.36
07-412	38	290	675g	-0204E	$38.08	$32.37
07-414	44	305	900g	-0206G	$44.00	$37.40
07-416	50	305	1250g	-0208J	$56.56	$48.08

Spare Striking Faces

For the Thorex nylon faced and Thorace hammers. Easy to change, simply screw in.

White: Hard nylon shore D61-65. All purpose face suitable for light and heavy duty applications.

Product Number	Face Ø (mm)	Weight per 10	Order Code THO-529	List Price/1	Offer Price/1
76-708NF	25	170g	-0335A	$2.78	$2.50
76-710NF	32	184g	-0336B	$3.54	$3.19
76-712NF	38	275g	-0337C	$4.42	$3.98
76-714NF	44	420g	-0338D	$5.64	$5.08
76-716NF	50	540g	-0339E	$7.23	$6.51
76-720NF	63	680g	-0340F	$9.28	$8.35

Spare Striking Faces
For malleable iron head hammers and split head hammers.

Product Number	Size Ref.	Face Ø (mm)	Weight each	Order Code THO-529	List Price/1	Offer Price/1
Rawhide						
70-8R	A	25	18g	-0115A	$6.32	$5.69
70-10R	1	32	36g	-0116B	$7.10	$6.39
70-12R	2	38	54g	-0117C	$9.05	$8.14
70-14R	3	44	73g	-0118D	$11.10	$9.99
70-16R	4	50	97g	-0119E	$14.48	$13.03
70-22R	5	70	203g	-0120F	$27.56	$24.80
Copper						
71-308C	A	25	86g	-0171N	$4.55	$4.09
71-310C	1	32	145g	-0172P	$7.05	$6.34
71-312C	2	38	241g	-0173Q	$10.22	$9.20
71-314C	3	44	352g	-0174R	$14.14	$12.73
71-316C	4	50	540g	-0175S	$21.06	$18.95
71-322C	5	70	1283g	-0176T	$45.81	$41.23

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KENNEDY QUALITY INDUSTRIAL TOOLING Hammer Shafts

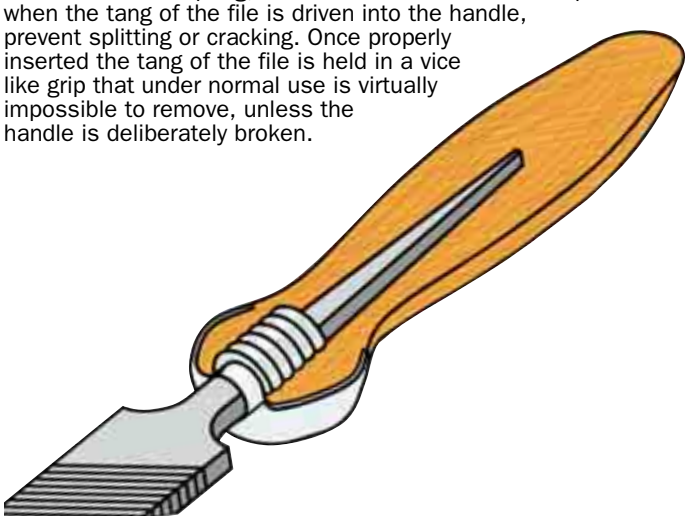
Made from genuine hickory with a waxed finish.
Manufactured to **BS 3823**.

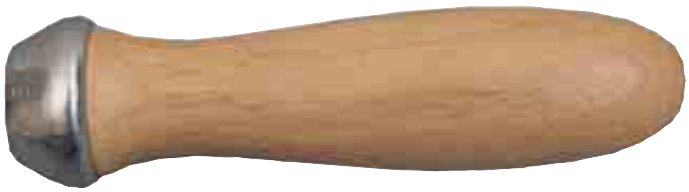
Hammer Wedges
Manufactured from high grade steel.

Wedge Size	For Head Weight	Weight Per 100	Order Code KEN-530	List Price/1	Offer Price/1
1	up to 12oz	210g	**-4510K**	$0.40	**$0.34**
2	14oz to 2½lb	430g	**-4520K**	$0.50	**$0.42**
3	3lb to 7lb	580g	**-4530K**	$0.65	**$0.55**
4	10lb to 28lb	770g	**-4540K**	$0.70	**$0.59**
5	Above 28lb	3500g	**-4550K**	$2.00	**$1.70**

Safety Wooden File Handles

A split file handle can cause a serious industrial accident. Kennedy safety handles are rapidly becoming standard equipment in workshops. Firmly secured inside each handle and covered by a ferrule is a steel spring, this combination absorbs the pressure when the tang of the file is driven into the handle, prevent splitting or cracking. Once properly inserted the tang of the file is held in a vice like grip that under normal use is virtually impossible to remove, unless the handle is deliberately broken.





Handle Length	Size	Suitable File Length	Weight each	Order Code KEN-531	List Price/1	Offer Price/1
75mm	0	4"	50g	**-5730K**	$1.39	**$1.18**
110mm	1	6" - 8"	50g	**-5740K**	$1.64	**$1.39**
125mm	2	10" - 12"	50g	**-5750K**	$1.95	**$1.66**
140mm	3	14" - 16"	50g	**-5760K**	$2.25	**$1.91**

Length (mm)	For Head Weight	Weight each	Order Code KEN-530	List Price/1	Offer Price/1
Standard					
280	¼lb	30g	**-0110K**	$4.30	**$3.65**
305	½lb	35g	**-0120K**	$4.65	**$3.95**
330	1lb	135g	**-0130K**	$4.98	**$4.23**
380	1½lb	230g	**-0150K**	$5.36	**$4.56**
405	2lb	250g	**-0160K**	$5.91	**$5.02**
455	3lb	320g	**-0180K**	$6.78	**$5.76**
Club					
255	2½/4lb	170g	**-1100K**	$4.07	**$3.46**
Sledge					
610	4lb	330g	**-2240K**	$6.96	**$5.92**
760	7lb	710g	**-2300K**	$8.70	**$7.39**
910	10/14lb	860g	**-2360K**	$10.19	**$8.66**
Claw					
330	13/16oz	190g	**-3130K**	$5.47	**$4.65**
355	20/24oz	200g	**-3140K**	$5.47	**$4.65**
Pick Axe - Hickory					
920	8.5lb	950g	**-3600K**	$25.69	**$21.84**
Pick Axe - Economy					
920	8.5lb	950g	**-3610K**	$16.78	**$14.26**

File Handles

Suitable for traditionally tanged engineer's files.

Standard Wooden
With steel ferrule.

Moulded Plastic
With contoured grip.

Handle Length	Size	Suitable File Length	Weight each	Order Code KEN-531	List Price/1	Offer Price/1
Standard Wooden						
75mm	-	4" - 6"	20g	**-5300K**	$0.97	**$0.82**
100mm	-	8"	25g	**-5400K**	$1.07	**$0.91**
125mm	-	10"	50g	**-5500K**	$1.24	**$1.05**
150mm	-	12" - 16"	50g	**-5600K**	$1.49	**$1.27**
Moulded Plastic						
75mm	0	4" - 6"	10g	**-5930K**	$1.23	**$1.05**
90mm	1	8" - 10"	50g	**-5940K**	$1.47	**$1.25**
100mm	2	10" - 12"	80g	**-5950K**	$1.74	**$1.48**